

MEETING
STATE OF CALIFORNIA
PUBLIC EMPLOYEES' RETIREMENT SYSTEM
BOARD OF ADMINISTRATION
INVESTMENT COMMITTEE
OPEN SESSION

ROBERT F. CARLSON AUDITORIUM
LINCOLN PLAZA NORTH
400 P STREET
SACRAMENTO, CALIFORNIA

MONDAY, APRIL 16, 2018
9:15 A.M.

JAMES F. PETERS, CSR
CERTIFIED SHORTHAND REPORTER
LICENSE NUMBER 10063

A P P E A R A N C E S

COMMITTEE MEMBERS:

Mr. Henry Jones, Chairperson

Mr. Richard Costigan, Vice Chairperson

Ms. Margaret Brown

Mr. John Chiang, also represented by Mr. Steve Juarez

Mr. Rob Feckner

Mr. Richard Gillihan, also represented by Mr. Danny Brown

Ms. Dana Hollinger

Ms. Priya Mathur

Mr. David Miller

Mr. Ramon Rubalcava

Mr. Bill Slaton

Mr. Theresa Taylor

Ms. Betty Yee

STAFF:

Ms. Marcie Frost, Chief Executive Officer

Mr. Charles, Asubonten, Chief Financial Officer

Mr. Ted Eliopoulos, Chief Investment Officer

Mr. Matt Jacobs, General Counsel

Mr. Eric Baggesen, Managing Investment Director

Ms. Natalie Bickford, Committee Secretary

Mr. Dan Bienvenue, Managing Investment Director

Mr. Matt Flynn, Interim Chief Operating Investment Officer

A P P E A R A N C E S C O N T I N U E D

STAFF:

Ms. Alison Li, Investment Manager

Mr. Simiso Nzima, Investment Director

Ms. Christine Reese, Investment Manager

Ms. Anne Simpson, Investment Director

ALSO PRESENT:

Mr. Al Darby, Retired Public Employees Association

Mr. Allan Emkin, Pension Consulting Alliance

Ms. Steve Foresti, Wilshire Associates Consulting

Mr. Andrew Junkin, Wilshire Associates Consulting

Mr. George Linn, Retired Public Employees Association

Ms. Mikaylee O'Connor, R.V. Kuhns

Mr. Rob Palmeri, R.V. Kuhns

Mr. Steve Silberstein

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1
2 CHAIRPERSON JONES: I'd like to call the
3 Investment Committee meeting to order. First order of
4 business is roll call, please.

5 COMMITTEE SECRETARY BICKFORD: Henry Jones?

6 CHAIRPERSON JONES: Here.

7 COMMITTEE SECRETARY BICKFORD: Richard Costigan?

8 VICE CHAIRPERSON COSTIGAN: Here.

9 COMMITTEE SECRETARY BICKFORD: Margaret Brown?

10 COMMITTEE MEMBER BROWN: Here.

11 COMMITTEE SECRETARY BICKFORD: John Chiang
12 represented by Steve Juarez?

13 ACTING COMMITTEE MEMBER JUAREZ: Here.

14 COMMITTEE SECRETARY BICKFORD: Rob Feckner?

15 COMMITTEE MEMBER FECKNER: Good morning.

16 COMMITTEE SECRETARY BICKFORD: Good morning.

17 Richard Gillihan?

18 COMMITTEE MEMBER GILLIHAN: Here.

19 COMMITTEE SECRETARY BICKFORD: Dana Hollinger?

20 COMMITTEE MEMBER HOLLINGER: Here.

21 COMMITTEE SECRETARY BICKFORD: Priya Mathur?

22 COMMITTEE MEMBER MATHUR: Here.

23 COMMITTEE SECRETARY BICKFORD: David Miller?

24 COMMITTEE MEMBER MILLER: Here.

25 COMMITTEE SECRETARY BICKFORD: Ramon Rubalcava?

1 COMMITTEE MEMBER RUBALCAVA: Good morning. Here.

2 COMMITTEE SECRETARY BICKFORD: Bill Slaton?

3 COMMITTEE MEMBER SLATON: Here.

4 COMMITTEE SECRETARY BICKFORD: Theresa Taylor?

5 COMMITTEE MEMBER TAYLOR: Here.

6 COMMITTEE SECRETARY BICKFORD: Betty Yee?

7 COMMITTEE MEMBER YEE: Here.

8 CHAIRPERSON JONES: Okay. Thank you.

9 The next order of business is Executive Report,
10 Chief Investment Officer Briefing. Mr. Eliopoulos.

11 CHIEF INVESTMENT OFFICER ELIOPOULOS: Good
12 morning, Mr. Chair, and members of the Investment
13 Committee.

14 We have several important agenda items on the
15 agenda today, including an action item with respect to
16 asset allocation, and a trilogy of information items on
17 corporate governance, 6 a, b and c.

18 This morning I wanted to spend a few minutes
19 talking about our senior leadership team in the Investment
20 Office. I have devoted most of these morning discussions
21 in the past to, you know, either market topics or
22 portfolio allocation, or construction, or trend
23 information in the recent past. By contrast today, and
24 this morning, I wanted to highlight some important
25 additions and changes to our investment team going

1 forward.

2 I think, as this Committee knows, Investment
3 Belief number 10 is one of my favorites, if not, you know
4 my -- if I had to pick a favorite amongst the Investment
5 Beliefs, it would be number 10, team work is needed to
6 achieve our goals and objectives and essential for us to
7 succeed as a team.

8 We manage a very large and complex portfolio with
9 assets all over the globe. Over 70 percent of these
10 assets are managed internally here in Sacramento. The
11 remaining 30 percent, roughly are managed through a wide
12 array of external partnerships. Looking -- looking back
13 over the past 15 years, CalPERS has been able to fill
14 leadership positions with a mix of internal talent, as
15 well as attracting external investment professionals to
16 CalPERS, a very healthy mix, I think, over that time
17 period.

18 For example, global equity, which represents
19 roughly half our portfolio in terms of assets has been
20 managed by an internal team who's been to recruit and
21 develop a set of leaders really a lineage for some that
22 have been here over the course of the past 15, 16 years, a
23 lineage that draws quite straight -- on a straight line
24 from Mark Anson, to Christy Wood, to Eric Baggesen, to now
25 Dan Bienvenue, a very cohesive succession over that period

1 of dime.

2 Global fixed income and its related asset classes
3 of inflation and liquidity, you know, represents roughly
4 30 percent of the portfolio, round numbers. And for those
5 portfolios, we've had the able leadership of Curtis Ishii
6 to lead that team for over 30 years. And there's more to
7 come to later in my beginning talk this morning.

8 Real assets roughly, you know, 10 percent of the
9 portfolio has had a very similar leadership approach since
10 2007, I would say, from when I started to now under Paul
11 Mouchakkaa's leadership.

12 As the Committee is aware, we're currently
13 recruiting for a leader for our Private Equity Program
14 which represents the remaining 10 percent of the portfolio
15 in terms of assets, and we expect to have that settled by
16 this summer. Sarah Corr is doing a very effective and
17 able job in leading that group, in this interim period.

18 That survey now brings me to some, you know,
19 newer developments that we've announced recently. And one
20 I'd like to announce publicly today. In terms of some
21 recent announcements, first, we have announced the
22 selection of Beth Richtman as our inaugural, or first,
23 Managing Investment Director of Sustainable Investments, a
24 new leadership position reflecting the growing importance
25 of sustainable investment topics in our portfolio and

1 really among institutional investors across the globe.

2 Beth brings an investment background, including
3 over five years in our Real Asset Program, as well as a
4 deep understanding and passion for sustainable investing
5 to our team. She brings an added dimension to the team,
6 complementing and augmenting the deep, deep domain
7 expertise of Anne Simpson on all topics with respect to
8 governance and sustainability to lead now our efforts to
9 integrate ESG considerations into our decision making.
10 Beth will transition into this new role by the end of this
11 current month.

12 Second, we have announced the selection of
13 Elisabeth Bourqui as Chief Operating Investment Officer.
14 Elisabeth will start a month from now, May 14th.
15 Actually, her first date here will be the Investment
16 Committee meeting that Monday, May 14th. She's not here
17 in the audience here today. She's in Zurich, Switzerland,
18 hopefully maybe watching on the -- on the webcast.

19 Elisabeth is the third of three successive
20 external hires to this key leadership role of COIO,
21 following Janine Guillot and Wylie Tollette. She brings a
22 remarkable personal and professional set of global
23 experiences to CalPERS. She grew up, and having grown up
24 and moved with her French parents, around the globe
25 growing up, including significant time in Europe, the

1 Middle East, and Asia. Elisabeth earned her Ph.D. in
2 mathematics in Switzerland, and served in a succession of
3 roles in investment banks in Europe, Japan and Canada.

4 She is currently the head of pension assets and
5 liabilities at ABB, the large public company, technology
6 company, based in Zurich, Switzerland. She speaks French,
7 German, English, and Japanese fluently.

8 I think she will bring all of this experience to
9 bear on behalf, and for the benefit, of CalPERS going
10 forward. I'm very excited to introduce her to the
11 Investment Committee next month. Her first official day,
12 as I said, will be the Investment Committee meeting next
13 month. At this point, I'd also like to thank very much
14 Matt Flynn for his very able, and very seamless, and very
15 experienced leadership during this interim period. Matt,
16 thank you so much.

17 Last, I said I would return -- one, I would
18 return to Curtis Ishii, and I would have a new
19 announcement to make. And I suppose we all knew that
20 there would be a day for an announcement like this at
21 CalPERS.

22 After more than 40 years at CalPERS, and as the
23 leader of our Fixed Income Program since May of 1999,
24 Curtis has decided it is time to retire. His last full
25 day in the office will be in May, but he'll be available,

1 as needed, during the transition, actually May 8th will
2 his last full day in the office, and his retirement date
3 will be in July of 2018.

4 Arnie Phillips, you know, one of the great team
5 members Curtis has recruited and mentored here at CalPERS
6 for, you know, since 1993, an Investment Director in our
7 Global Fixed Income will act as the Interim Investment --
8 Managing Investment Director during this interim period.
9 And we will begin an immediate search period for the MID
10 position going forward for global fixed income.

11 A few words if I may on Mr. Curtis Ishii. I have
12 a few things I want to say. Mainly, I want to say how
13 much respect I have for him and his career of remarkable
14 public service to CalPERS on behalf of all of our
15 beneficiaries. A 40-year career dedicated to the public
16 good is rare in public service. He, in addition to
17 dedicating really his -- his professional life to the --
18 to the good of the public and our beneficiaries, he has
19 been a mentor, a peer, a friend to so many of us here at
20 CalPERS and within the Investment Office.

21 He's built a truly great team. In addition to
22 this remarkable run of public service, Curtis is an
23 investor's investor. He's built -- within this public
24 sector atmosphere, an environment that CalPERS lives in,
25 he's built a bottoms-up, fundamental, active portfolio

1 stacked with people of talent and missionary zeal for
2 earning risk-adjusted returns for CalPERS and our
3 beneficiaries.

4 A few notes on Curtis as an investor. And I'm
5 summing up here just to give a heads up. But, you know,
6 over the span of Curtis's investment career, CalPERS has
7 weathered a number of storms, and he's been at the center
8 of guiding and steering the ship during this.

9 To tick off just a few of the major ones. You
10 know, in 1989, the crash of the high yield bond market;
11 the so-called great bond market massacre of 1994; the
12 Asian financial crisis and Russian default crisis of '97
13 and '98; the dot-com bubble and accounting scandals of
14 2000 through 2002; the global financial crisis of
15 2007/2008; the European debt crisis; the U.S. debt ceiling
16 crisis; the U.S. credit rating downgrade from 2010 to
17 2011; the Taper Tantrum of 2013; and the -- you know, the
18 steep correction in the Chinese stock market in 2015.

19 Curtis has always been at the center of advice
20 for the investment team for Chief Investment Officers over
21 and over. And having served with him from 2007 and beyond
22 to today his advice, and counsel, and recommendations are
23 respected and have provided great leadership to CalPERS
24 over the years.

25 Last, and I think this is the way Curtis would

1 probably like a comment to start and finish is the
2 numbers. In addition to all this leadership and energy
3 and vision that he's brought to his team and the
4 Investment Office, Curtis has always focused on the
5 numbers. And looking back from the, you know, time of his
6 official leadership of the Global Fixed Income Program,
7 you know, some 20 years ago, the Global Fixed Income
8 Program has earned an annualized return of 6.25 percent,
9 which exceeds the annualized benchmark by 58 basis points
10 over that same time period.

11 This outperformance in excess of, you know, what
12 we otherwise might have received from our benchmark
13 results in approximately \$4.3 billion of excess dollar
14 return over -- as I said, over and above our program
15 benchmark during his leadership.

16 I can't thank him enough personally for his
17 advice and counsel, and I think our whole investment team
18 can't -- not only thank him for his leadership and his
19 service, but wish him all the very best in an earned
20 retirement.

21 So with that, Mr. Chair, those are my remarks.

22 CHAIRPERSON JONES: Okay. Thank you very much
23 for that report.

24 And at this time, I'd like to take a moment of
25 personal privilege. First, Curtis, on behalf of the

1 Investment Committee, we want to thank you for all your
2 dedication and hard work over 40 years with CalPERS.
3 We've had a very lengthy and impressive State service
4 career. You led one of the largest and most fundamental
5 asset classes, fixed income, on our behalf.

6 You assembled, mentored and established a
7 terrific team of investment professionals. We always
8 appreciated your advice, recommendations, and counsel.

9 Curtis, on behalf of the Investment Committee, we
10 want to wish you a wonderful retirement life ahead. We
11 will miss you -- miss your wisdom and experience. So
12 congratulations, Curtis.

13 (Applause.)

14 CHAIRPERSON JONES: And second, Beth, on behalf
15 of Investment Committee, congratulations on your
16 appointment as Managing Investment Director of Sustainable
17 Investments.

18 We look forward to working with you and your team
19 that provides centralized leadership and sustainability,
20 and environmental, social and governance issues for the
21 entire Investment Office. You are leading the important
22 work of integrating ESG strategies into our asset classes.
23 Beth brings an investment background and deep experience
24 with sustainable investment -- investing and ESG to this
25 position.

1 So welcome to your new position, Beth.

2 (Applause.)

3 CHAIRPERSON JONES: And lastly, I would just like
4 to acknowledge former Board Member Michael Bilbrey is
5 joining us in the audience today.

6 Okay. Okay. With that, we will now move to the
7 -- back to the agenda on consent items, action consent
8 items. Do we have a motion?

9 COMMITTEE MEMBER TAYLOR: So moved.

10 PRESIDENT JONES: Moved by Ms. Taylor.

11 COMMITTEE MEMBER HOLLINGER: Second.

12 CHAIRPERSON JONES: Second by Mrs. Hollinger.

13 All those in favor say aye?

14 (Ayes.)

15 CHAIRPERSON JONES: Opposed?

16 Seeing none. The item passes.

17 I've not received a request to move anything from
18 the information consent items, so we will move to Action
19 Agenda Item 5, Asset Allocation.

20 Mr. -- who is doing this one?

21 Mr. Eliopoulos.

22 CHIEF INVESTMENT OFFICER ELIOPOULOS: We'll give
23 the team time to get here and approach, including our iron
24 man, Eric Baggesen.

25 Take your time, Eric.

1 (Laughter.)

2 CHIEF INVESTMENT OFFICER ELIOPOULOS: And I will
3 turn this over to Eric to introduce the team and the
4 agenda item. This is the first in a succession of asset
5 allocation items on our affiliate funds to come over the
6 next few months.

7 So with that, and having ate up the time to get
8 you guys settled, I'll turn it over to Eric.

9 (Thereupon an overhead presentation was
10 presented as follows.)

11 MANAGING INVESTMENT DIRECTOR BAGGESEN: Good
12 morning. Eric Baggesen, part of the Total Trust Level
13 Portfolio Management team.

14 Excuse me

15 --o0o--

16 MANAGING INVESTMENT DIRECTOR BAGGESEN: We
17 basically have the first in a series of agenda items that
18 are coming up to you over the next couple of months.

19 Let's see if we can move this forward.

20 Yeah, it is turned on.

21 Can we advance the slide?

22 Yeah, there we go. Perfect. Thank you.

23 Anyway, over the next three months, we're going
24 to be bringing to you a series of agenda items dealing
25 were asset allocation elements related to the affiliate

1 funds. The affiliates tend to get a little bit of short
2 shift, given the size of the overall Public Employees
3 Retirement Fund. And yet, this represents a pretty
4 significant pool of assets, you know, up in the 15, 16
5 billion dollar size, which, you know, is a -- constitutes
6 a very significant fund in and of itself.

7 But part of the fiduciary responsibility of the
8 organization, and you as a Board, attaches to the guidance
9 that we provide to these affiliate programs. What we're
10 doing with this is attempting to work off of the
11 information that was developed during the asset allocation
12 work for the PERF. So we want to roll that information
13 body, if you will, through the structure of the affiliates
14 in as reasonably an expeditious manner as possible to try
15 to retain the relevance of that data set attached to this.

16 For today, we've got the first of these sort of
17 three items, as I say, that will be being brought forward.
18 And this is the structure of the asset allocation for the
19 Supplemental Income Plans. And again, these are defined
20 contribution plans basically where members are choosing to
21 save money in addition to the kind of retirement benefit
22 that they may get as a defined benefit that they get as a
23 public employee.

24 To help us do this work, we've enlisted the
25 assistance of R.V. Kuhns, and R.V. Kuhns is an outside

1 consultant firm that actually has a fairly deep, or very
2 deep, I should say, expertise in the structure of defined
3 contribution plans. That is one element that we do not
4 think that we are particular experts at, because a defined
5 contribution plan really constitutes financial planning
6 for individuals in contrast to an overall structure of a
7 plan like the PERF, for example.

8 So we basically make use of R.V. Kuhns' expertise
9 to help bring context and relevance as to what's the right
10 kind of a structure for individuals.

11 The information in front of you is going to be
12 presented by Christine Reese, who is a Portfolio
13 Manager -- or Investment Manager within the Global Equity
14 team, and Alison Li who is an Investment Manager in the
15 Trust Level Portfolio Management Team. I think we've got
16 Dan up here as well.

17 And I believe we also have R.V. Kuhns in the,
18 audience, if there are potentially any questions that
19 would be asked of R.V. Kuhns.

20 But I think with that, I'm going to turn it over
21 to Christine who's going to be bringing some context and
22 background information on this structure of this plan to
23 you.

24 INVESTMENT MANAGER REESE: Thank you, Eric.

25 So to start the presentation, I'll be reviewing

1 the plans that comprise the Supplemental Income Plans, the
2 investment menu design, and the investment reviews that
3 have been conducted leading us up to this presentation.

4 --o0o--

5 INVESTMENT MANAGER REESE: So let's see if we can
6 get this to work.

7 Okay where am I supposed to aim?

8 --o0o--

9 INVESTMENT MANAGER REESE: Thank you. And one
10 more.

11 --o0o--

12 INVESTMENT MANAGER REESE: Okay. Thank you. So
13 starting on page five, this displays the three plans that
14 are part of the Supplemental Income Plans program. The
15 first is the Public Employees Deferred Compensation Fund.
16 This is available to public agencies to contract for.
17 This -- we have 800 employees -- 800 employers with about
18 27,000 employees participating in this plan and they have
19 approximately one and a half billion dollars worth of
20 retirement savings in this plan.

21 The contributions are pre-tax, and the
22 contributions and investment earnings grow tax deferred.
23 This is a 457(b) plan.

24 The second plan is the Placer County 401(k),
25 which is a sister plan to their Deferred Compensation

1 Plan, which is also in our Deferred Compensation Plan. It
2 is a 401(k), so it does need to be called out as a
3 separate plan. It is small, but it is invested in the
4 same manner as the Deferred Compensation Plan.

5 And then the third plan is a Supplemental
6 Contribution Program. And this is available to State
7 employees and members of the judge's and legislators'
8 systems. This is an after-tax program, where the earnings
9 are tax deferred. And in summary total, the program,
10 we've got almost 1.7 billion in assets under management,
11 and covering about 37,000 participants.

12 So moving into the investment menu, it's been
13 designed in a tiered format.

14 --o0o--

15 INVESTMENT MANAGER REESE: All right. Where do I
16 point?

17 Okay. There we go. Okay. So it's been designed
18 in a tiered format to provide options for participants
19 that either have more or less investment expertise, time,
20 or interest in managing their asset allocation. So on the
21 left, tier one, is comprised of target date funds. These
22 are custom age-based funds, where in the asset allocation,
23 is managed throughout the life of the fund.

24 This is an option available to participants who,
25 you know, would really rather not spend the time or energy

1 managing their own asset allocation, or may not feel like
2 they have the expertise.

3 Tier 2 is core funds. We have six broadly
4 diversified index funds. And these are available for
5 participants that want to invest all or part of their
6 account and manage their -- manage their own asset
7 allocation.

8 And then tier 3 is a self-managed account. And
9 this is an option that employers and the program can
10 contract for. This allows participants to invest in
11 retail mutual funds and certificates of deposit, if
12 they're looking for something that's outside of outside of
13 our lineup.

14 --o0o--

15 INVESTMENT MANAGER REESE: Delving into the
16 investment funds that make up those tiers, on page
17 seven -- so for tier 1 within the age-based asset
18 allocation funds, we have 10 funds that tranche every five
19 years. So the farthest dated fund is the 2055 fund,
20 tranced every five years down to the income fund, which
21 is the most conservative. With Tier 2, we offer
22 diversified index funds within each market, so we cover
23 U.S. and international equities. We have an intermediate
24 bond fund, a short-term bond fund, a diversified real
25 asset fund, and a cash fund.

1 And then as I mentioned for tier 3, we have a
2 variety, hundreds, of mutual funds that are available to
3 the participants, as well as certificates of deposit.

4 --o0o--

5 INVESTMENT MANAGER REESE: Moving into a little
6 bit more detail on each of these tiers, within the target
7 retirement date funds. So the mechanics are that the
8 participant selects the fund near -- with a date nearest
9 their estimated retirement. And the asset allocation is
10 managed for them. The investments are funds that we also
11 utilize for the core funds. So the funds themselves are
12 broadly diversified.

13 We have a glide path associated with those funds,
14 and Alison will speak to that in much more detail in her
15 section of the presentation. And that glide path is based
16 on our plan participant demographics.

17 And then those funds are rebalanced using a very
18 disciplined process. We advance the glide path annually,
19 and we rebalance the individual funds back to policy
20 allocations every quarter.

21 So this is a really good option again for
22 participants that want a very disciplined process for
23 their asset allocation. Both industry usage and CalPERS
24 usage is trending upwards. We have 60 percent of
25 participants are 100 percent invested in the target date

1 funds. Although they represent only 46 percent of
2 balances, 60 per -- 67 percent of contributions are being
3 directed toward the target date funds.

4 The target date funds have also been set as the
5 qualified default investment alternative. So if a
6 participant joins the program and fails to make an
7 investment selection, they will be placed in a target date
8 fund according to their birth year.

9 And then through this review, it is appropriate
10 now at this time to add the 2060 fund. One thing I wanted
11 the mention with regard to the tiers as well. Although,
12 we've set up the design of the menu to be tiered,
13 participants aren't constrained to any one tier.

14 So if they would like to have part of their
15 balances in target date funds, and then manage part of
16 their allocation, or potentially use the self-managed
17 account, they can do so.

18 --o0o--

19 INVESTMENT MANAGER REESE: On page nine, a little
20 bit of information about the core funds. It's pretty much
21 the opposite of the target date funds, there is no glide
22 path. The participant is fully responsible for
23 maintaining and managing their asset allocation over time.
24 As I mentioned, within each of the index funds, there is
25 broad diversification across the market, so they're not

1 constrained to say a small cap, mid cap, large cap in the
2 U.S. market. We have a broad Russell 3000 fund that they
3 can invest in.

4 Participant usage is trending downward, 52
5 percent of balances and only 33 percent of contributions.
6 And again, this is what we're seeing in the industry as
7 well.

8 --o0o--

9 INVESTMENT MANAGER REESE: On page 10 on the
10 brokerage account, just really want to point out a couple
11 of things. One is that although participants can utilize
12 this window, these are retail mutual funds, and they do
13 have much higher investment management fees. And that
14 participant usage within our program is in line with the
15 industry at about two percent.

16 --o0o--

17 INVESTMENT MANAGER REESE: So moving into some of
18 the investment reviews that have been conducted leading up
19 to this point. In 2013, we worked with RVK. We made some
20 fairly comprehensive changes to the program. We moved
21 from a mixture of active and index to 100 percent index.
22 We closed the balanced funds that we had and reduced our
23 fund lineup from 24 funds to 16 to provide some
24 simplification for the participants. And at that point in
25 time, we also reviewed the glide path, and opened the 2055

1 Fund.

2 Through this review, we didn't need to make any
3 wholesale changes, but we did want to look at a couple of
4 the investment options to ensure that they were still
5 appropriate for the lineup. We looked at the cash fund
6 and the bond fund. Now, the cash fund we looked at, as
7 cash rates had been so low for so long after the great
8 financial crisis, we wanted to make sure that this was
9 still an appropriate option.

10 And after our evaluation of what the market had
11 to offer, and the various risk return scenarios, we
12 determined that this -- that the cash STIF fund is still
13 appropriate for the lineup. As well, we looked at the
14 fixed income option. Our investment manager had a couple
15 of different offerings, one with more corporate bonds than
16 government bonds. Again, through that evaluation, we made
17 a determination that that really moved us away from our
18 index and our philo -- our indexing philosophy, it had
19 some active management, and so we decided that the bond
20 fund -- the intermediate bond fund we currently have is
21 still appropriate.

22 So those are the end of my prepared remarks.
23 Alison will be covering the glide path and the conclusion
24 of the presentation, but I'm happy to answer any
25 questions.

1 CHAIRPERSON JONES: Why don't we finish the
2 presentation and then we'll come back with questions.

3 --o0o--

4 INVESTMENT MANAGER LI: Good morning. As
5 Christine just presented, the tier 1 target retirement
6 date fund that utilized the glide path design is our
7 qualified default investment alternative. So what are the
8 advantage of the glide path design.

9 So, here, if you look at slide 13 --

10 --o0o--

11 --o0o--

12 INVESTMENT MANAGER LI: -- here are two glide
13 paths. The main goal of a glide path is to adjust asset
14 allocation according to where the participants reside
15 according at the -- according to the timeline at the end.
16 So there are two distinctive periods along this timeline
17 separated by the date of retirement. During the
18 accumulation period, that's when participants work and
19 save to accumulate the financial assets.

20 Then after retirement, they will withdraw from
21 financial assets. Finance theory indicates that at the
22 beginning of the accumulation periods, when the
23 participants' human capital are much higher than their
24 financial capital, and their investment horizon are long,
25 they have higher risk tolerance and gain more utility from

1 exposure to growth risk.

2 So that formed the plateau phase when the
3 allocation to risky assets here measured as total equity
4 plus real assets is the highest. So as time went by,
5 participants gradually approach retirement, their human
6 capital decreases, financial capital increases, relative
7 to each other.

8 The glide path will diligently reduce exposure to
9 risky assets in the risk controlled framework forming the
10 de-risking phase. In the end, the glide path will arrive
11 at the landing phase. That's when the human capital has
12 been depleted, and the participants have low risk
13 tolerance to gain more utility from having liquidity in
14 their financial assets. That's the period when the
15 allocation to risky assets is the lowest.

16 So each glide path will have the same shape, but
17 there could be a significant difference which is, is it
18 optimal to glide to the landing phase at the point of
19 retirement, which is the glide-to approach represented by
20 the red line, or is it optimal to glide through the
21 retirement date and land sometime afterwards, which is the
22 glide-through approach represented by the blue line.

23 So the level and the length of the plateau
24 phrase, the slope of the de-risking phase, the level and
25 the starting point of the landing phase varies among glide

1 paths. So those are the basic elements of the glide path.

2 The next slide just lists the utility of the
3 glide path.

4 --o0o--

5 INVESTMENT MANAGER LI: Then we come to our
6 consultant, RVK stochastic optimizing process --
7 optimization process in designing the glide path.

8 --o0o--

9 INVESTMENT MANAGER LI: So during the
10 accumulation period, RVK projected a balance accumulation
11 by collecting the following input. They collect inflation
12 risk from macroeconomic forecasting model. The expected
13 investment return is adopted from 2017 CalPERS asset
14 liability management process. And salary growth is
15 collected from 2017 CalPERS experience study.

16 And the participant contribution is based on the
17 calendar year 2016, CalPERS SIP full 57 plan participants'
18 data. Then during the distribution period, RVK will
19 project income adequacy by: modeling an annual income
20 replacement goal; the household income resources; the
21 annual distribution pattern, based on CalPERS data, public
22 government data, and the recognized retirement studies;
23 and the modeling of inflation and investment returns
24 carried over from the first period.

25 So after completely modeling out the two periods,

1 RVK's stochastic optimization process will try to build a
2 glide path by either maximizing replacement income without
3 significantly decreased market -- the portfolio volatility
4 or by minimizing portfolio volatility without
5 significantly decreasing replacement income in each run of
6 2000 iterations.

7 And also, besides these two measures, a couple of
8 other risk return measures also constantly measured to
9 prevent deterioration. So after each one, the process
10 will change or modify the glide path according to the
11 feedback. In the end, one glide path will be chosen based
12 on the overview of all the risk return measures. So
13 that's the RVK process.

14 In choosing the glide path, then RVK looked at if
15 you look at -- sorry.

16 --o0o--

17 INVESTMENT MANAGER LI: Slide 17, RVK look at our
18 participant distribution patterns to answer the glide-to
19 versus glide-through question. Although there's a
20 perfusion of data here, but we think it's worthwhile to
21 present all the A, B, C and D, because they add up to 100
22 percent. In cases when they do not add up with 100
23 percent, that's because of rounding error.

24 So if you -- for meaningful information, if you
25 look at row A, the first full column, it says the majority

1 of participants actually did not make any distribution
2 before the age of 70. But if you look at the last column
3 of row A, it says 31 of the participants did make some
4 distribution after age of 65.

5 Secondly, we think this data tells us the
6 importance of separating participants fully depleted,
7 which is they're separated in rollover, which is row C,
8 and full cash distribution in row D, because research
9 indicates participants will opt out for rollover remain
10 invested in capital markets, including a higher allocation
11 to equity.

12 So those two -- three rows of data indicates a
13 glide-through design is a better fate for the CalPERS SIP
14 participants.

15 --o0o--

16 INVESTMENT MANAGER LI: So the next slide lists
17 the input into the RVK optimization process based on their
18 analysis of our participants' data. So for our typical
19 median full career, CalPERS SIP participants, he started
20 investing at age of 23 with a beginning balance of 1,800,
21 and contribution rate is from 1.8 percent to 3.2 percent
22 per year. It's two household member. They will retire at
23 age of 58, start withdraw from the SIP plans at age of 65.
24 They have a 81 income replacement goal.

25 The period estimated is 36 plus years, that's

1 from 23 to 58. After retirement, the length in retirement
2 is depending on the model for household life expectancy.

3 --o0o--

4 INVESTMENT MANAGER LI: So slide 20 present the
5 glide path recommended by RVK, based on their analysis of
6 the input and their stochastic optimization process, this
7 glide path is built to provide a tradeoff between
8 improving replacement income in retirement, and protection
9 against significant drawdown due to market turbulence.

10 So this have a longer plateau phrase, and also
11 it's adopted a glide-through approach. So it will land at
12 the landing place after retirement.

13 And on the next slide --

14 --o0o--

15 INVESTMENT MANAGER LI: -- shows the recommended
16 glide path within the Morningstar Universe. As you can
17 see, the recommended glide path is within the first
18 quintile of the -- as to exposure to risky assets. And
19 it's length is longer by under five years. We think this
20 is a worthwhile tradeoff, because typical S&P participants
21 is more risk tolerant because of their pension payment
22 from PERF.

23 And on the other hand, the Morningstar Universe
24 is a collection of off-the-shelf product, which is not
25 tailor made for the participants' demographics. And also,

1 most of the glide path within the Morningstar Universe
2 have an active component, which means either the weights
3 or the underlying portfolio representing the asset classes
4 are actively management -- managed.

5 Comparatively, our SIP plan are passively
6 managed. So the Morningstar Universe could be more risky
7 than it's presented here.

8 --o0o--

9 INVESTMENT MANAGER LI: The next two slides we'll
10 compare the retirement income based on the recommended
11 glide path, as compared to the current glide path. So the
12 recommended glide path have a better retirement income in
13 terms of it will have a higher ending balance, a higher
14 annualized return, and a lower probability of shortfall.
15 The replacement income from SIP plan increased from 4.3
16 percent to 5.8 percent. And, of course, this is at the
17 expense of a slight increase in annualized volatility,
18 increased from 10.4 percent to 13.6 percent.

19 So pending the approval of the new recommended
20 glide path, the implementation stamps will follow. We'll
21 update the Investment Policy, and conduct communications
22 with participant and employers, open the 2016 funds, and
23 the new glide paths will be effective on October the 1st,
24 this year.

25 So that concludes my part of the presentation,

1 and we're ready to answer questions.

2 CHAIRPERSON JONES: Okay. Yes, I have a general
3 question first before we get into the specifics. And
4 that's dealing with our fiduciary responsibilities -- the
5 Board's fiduciary responsibility. And I'm not so sure
6 that that question can be answered by any of you here.
7 But when I looked at the presentation and you talked
8 about, first of all, the participants have options to
9 select.

10 So I understand the PERF fiduciary
11 responsibility, because we make all those decisions. But
12 now this is a shared decision-making process with the
13 participants also making it.

14 The second part of that question is when I looked
15 at the glide path and the universe, the recommendation is
16 even more riskier than the universe when you just said
17 that the universe is even more risky than presented.

18 So why are we going beyond the universe in this
19 recommendation when it's already more risk when you just
20 said that the universe is even more risky than presented.

21 INVESTMENT MANAGER LI: The -- I'm sorry, like
22 maybe I was not clear. The universe it could be more
23 risky, but it's not shown on the graph here, because graph
24 here just showed the target static allocation to risky
25 assets. But the many -- many of the plans within the

1 universe, they actively manage that target. And also, the
2 portfolio representing the target is actively managed.

3 Well, we do not have that active component,
4 because when you introduce an active component, the
5 volatility will be much higher. But that information is
6 not shown on the graph.

7 CHAIRPERSON JONES: Okay. That answers part of
8 the question.

9 MANAGING INVESTMENT DIRECTOR BAGGESEN: Let me --
10 let me add a little bit of context also to Alison's
11 comments. In other words, the implication of what Alison
12 just said -- I don't know if we can flip back to that
13 chart, so that everybody can see it basically.

14 The implication of what Alison just said is that
15 the area covered by the blue shading around the sort of
16 mean element on this is potentially wider by the effective
17 asset allocation activities or active risk management for
18 example than is -- would be stated just by the averages
19 attached to this. So you'd probably have a -- potentially
20 a wider distribution of outcomes, so that's not reflected
21 in that blue shading.

22 The other thing that's most telling about this
23 though is that when R.V. Kuhns designs this, they operate
24 with knowledge that the beneficiaries of this also have a
25 defined benefit.

1 If your Fidelity, or your Vanguard, or, you know,
2 some other organization that is constructing a glide path
3 on a 401(k) DC plan, they have to treat that like that's
4 the only retirement plan that someone has. So the element
5 of replacement income that these represent to our
6 beneficiaries is significantly less, and they do not have
7 market risk attached to that defined benefit. That market
8 risk is being borne basically by the employers on their
9 behalf.

10 So in the judgment of R.V. Kuhns, that enables
11 this plan to carry a little bit more risk on the defined
12 contribution side than would potentially otherwise be
13 advisable. And I think that that's -- I think that's
14 really the context around this, that lets them arrive at
15 this conclusion. It's that full understanding of that
16 demographic information.

17 CHAIRPERSON JONES: Okay. And the fiduciary
18 question, is Matt around?

19 MANAGING INVESTMENT DIRECTOR BIENVENUE: I'll see
20 if I can take a crack at that, Mr. Jones.

21 Dan Bienvenue, Global Equity.

22 From a fiduciary standpoint, this critical
23 component here, as you say, the participants select. So
24 the -- you know, the -- what they select is kind of on
25 them. The critical component for us and for your

1 fiduciary duty is that what we offer is prudent. So as
2 long as the offering is considered prudent, then you're
3 covered from a fiduciary standpoint.

4 CHAIRPERSON JONES: Okay.

5 MANAGING INVESTMENT DIRECTOR BIENVENUE: Does
6 that help?

7 CHAIRPERSON JONES: Oh, no. Steve was first.
8 I'm sorry. How did that happen? Okay. Steve was first.
9 Yeah, and you're third.

10 Mr. Juarez.

11 ACTING COMMITTEE MEMBER JUAREZ: Yeah. Thank
12 you. And it -- that makes perfect sense to me, the fact
13 that you have folks that have other sources of retirement
14 income, and therefore you can afford to take -- be a
15 little riskier with this portfolio. So I get that, and I
16 appreciate the -- also the fiduciary arguments.

17 My interest is -- comes from a perspective of
18 someone who's helping get a 401(k) program off the ground
19 for the State called Secure Choice, but more familiar now
20 we're calling is CalSavers. And so what I'm hopeful is
21 that we can get information from you all, recognizing that
22 we have different audiences. The folks that we will
23 likely help invest don't have the same resources that the
24 folks that you assist do.

25 But we -- I think we can learn a lot. And so my

1 hope is that especially from your 2013 study when you
2 looked at what -- what you decided to offer, and I'll look
3 to Marcie to help gather that information for us. And
4 then maybe even arrange for a meeting, if possible, so
5 that we can get the best advice as to how you put your
6 program together, and hopefully gain from that expertise.

7 So that would be my request personally just to
8 the folks at the table.

9 MANAGING INVESTMENT DIRECTOR BAGGESEN: Yeah, I
10 think, Mr. Juarez, that basically, you know, to the extent
11 if CalPERS is going to construct a plan that would
12 represent the general public in contrast to the
13 beneficiaries of the Public Employee Retirement System,
14 you know, that again we would -- we would reach out to an
15 organization, such as R.V. Kuhns, that has real expertise
16 in that arena. You know, we do not profess to have that
17 individual financial planning expertise. And that's
18 really what the reason for bringing in an organization
19 that has a much deeper experiences in that arena.

20 And I would suggest though that probably -- you
21 know, and I'm only guessing at this point, but the outcome
22 that you would see of that analysis would look more like
23 that Morningstar Universe, because again you would not be
24 able to have that potential risk tolerance that engenders
25 from the participation in the PERF.

1 But certainly, we can -- we can arrange all that
2 information to happen and bring you through the work that
3 was done as this plan was restructured and simplified in
4 2013.

5 ACTING COMMITTEE MEMBER JUAREZ: That would be
6 great.

7 MANAGING INVESTMENT DIRECTOR BAGGESEN: We can
8 revisit all of that for you.

9 ACTING COMMITTEE MEMBER JUAREZ: Thank you.

10 CHAIRPERSON JONES: Okay. So the takeaway is
11 that you will coordinate the meeting with the consultant
12 with the Treasurer's office.

13 ACTING COMMITTEE MEMBER JUAREZ: That would be
14 wonderful. Thank you very much for that.

15 CHAIRPERSON JONES: Okay. Thank you.

16 Mr. Costigan.

17 VICE CHAIRPERSON COSTIGAN: Thank you, Mr. Chair.
18 So I have a few questions. First of all, I appreciate the
19 presentation. And I'll start off with, I've all -- I've
20 had concerns with this program over the years. I'm not
21 sure why you have a bifurcated system where State
22 employees are in one plan and Placer County is in the
23 other, and why we're picking up Placer County's cost, and
24 why Placer County can't actually do this themselves?

25 So, I mean, there's a bigger issue to have,

1 because I'm actually going to get into some stuff on
2 Placer County.

3 Voya is the provider, is that correct?

4 INVESTMENT MANAGER REESE: Voya is the
5 third-party administrator for the program.

6 VICE CHAIRPERSON COSTIGAN: Okay. And so I'll
7 just talk as it relates to my experience. So Nationwide
8 is the provider for the State's 401/457 Supplemental Plan,
9 which is the same one. So to make it clear, State
10 employees don't have access to this program. And we're
11 actually giving county employees some benefit that our
12 other State workers don't get, which I'm still trying to
13 figure out why we do this. This has been an historical
14 issue.

15 Voya is the one that sets that -- so similar --
16 to Schwab has index and age-based funds -- or Nationwide,
17 that you can pick. And then you run the self-directed.
18 And what I believe CalHR does is then contract with
19 Schwab. And Schwab runs the self-directed account, which
20 is actually where most of my funds are. And then you run
21 your financial planning through the Schwab Financial
22 Services.

23 Okay. Does Voya do that for Placer County's
24 employees? Is that what -- or this -- the other
25 consulting firm. So I'd go in, I've hired a financial

1 planner through Schwab that looks at all of my assets and
2 we run my plan.

3 So does Voya do that?

4 INVESTMENT MANAGER REESE: No, so this program
5 doesn't currently have managed accounts as part of the
6 program.

7 VICE CHAIRPERSON COSTIGAN: Self-directed.
8 There's a --

9 INVESTMENT MANAGER REESE: So we have -- we've
10 contracted through Schwab to offer the PCRA, Personal
11 Choice Retirement Account. That's the self-managed
12 account. But Voya does not provide what are also called
13 managed accounts for participants, in terms of giving
14 advice and actively managing their account across
15 allocations.

16 VICE CHAIRPERSON COSTIGAN: Which against starts
17 begging the question, why are we doing this in Placer
18 County and not just contracting directly, or why aren't we
19 bringing in Savings Plus for the State into Cal -- I see
20 Eric want's to answer that.

21 MANAGING INVESTMENT DIRECTOR BAGGESEN: Yeah.
22 Could I actually suggest, the questions that you're
23 raising also relate to your fiduciary responsibilities --

24 VICE CHAIRPERSON COSTIGAN: That's why I'm about
25 to get to.

1 MANAGING INVESTMENT DIRECTOR BAGGESEN: -- in
2 order for structuring this plan But for the Investment
3 Committee basically the discussion today is really around
4 the asset allocation. I think that to get into the other
5 element of the plan, what the administrator does, the
6 costs of the plan, a number of other dimensions, that's
7 actually a discussion for a different venue than the
8 Investment Committee. I think that that legitimately
9 belongs potentially in the CFO's Committee, in the Finance
10 and Admin Committee.

11 So I think that that's a piece of -- a body of
12 information that's worth exploring, but I don't think
13 we're ready to answer that information today, because
14 again, that's not the dimension that we've done work on.

15 We've really constrained this to just the
16 structure of the asset allocation, Mr. Costigan. And I'm
17 not answering your question, but I'm hopeful that --

18 VICE CHAIRPERSON COSTIGAN: I would say with all
19 due respect, I have difficulties voting on something
20 without having the holistic view, because your asking me
21 to vote on a plan that may impact my fiduciary obligation,
22 which sort of leads to the questions I think Mr. Jones
23 raised.

24 Placer County on its website really makes this
25 about CalPERS, which I have some significant concerns

1 about. Let me just quote from them, "As the largest
2 pension provider in the State, you can rely on CalPERS to
3 help you get the most from your retirement benefit. Your
4 pension in the CalPERS 457 Plan are designed to complement
5 each other". So how are we complementing the two plans?

6 INVESTMENT MANAGER REESE: So I'm not sure if
7 they show that information on both their 401(k) website
8 and the 457. But in the 457, they are contracted with us
9 as are all of the other employers. The 401(k) plan is a
10 separate plan. So I'm not sure if they make those same
11 claims on the 401(k) side, but they are the plan sponsor
12 for that plan and retain fiduciary duty.

13 VICE CHAIRPERSON COSTIGAN: Except in their
14 marketing materials, it appears to make us responsible for
15 in fact, just as an aside, the website that they use is
16 www.calpers457.checkappointments.com.

17 INVESTMENT MANAGER REESE: Right.

18 VICE CHAIRPERSON COSTIGAN: So who runs that
19 plan?

20 INVESTMENT MANAGER REESE: So the 457, they are
21 our participant in our 457 plan. On the 401(k) plan, they
22 retain separate fiduciary responsibility, and they --
23 they -- the investment structure is the same for their
24 401(k) plan as it is for the 457, but it's not part of the
25 457 deferred comp plan.

1 VICE CHAIRPERSON COSTIGAN: Well, I'm just
2 concerned about the way it's marketed.

3 And then just the last couple questions. Eric, I
4 do appreciate you coming back and cleaning up the DB
5 versus DC, because the problem with slide 18 - I was just
6 doing some back of the math calculation - without your
7 explanation, an employee that started in 1984 making
8 \$24,000 would -- after 36 years, would have had to make
9 \$63,513 with \$233 monthly contribution at five percent to
10 make 1.286 million 199 to account for 81 percent of their
11 income.

12 That's the back of the math -- envelope, because
13 the way this chart reads is someone starting at age 23, so
14 you go back to 1982, plug in 24,000 -- I picked a random
15 salary 24,000, applied COLA going across the federal
16 calculation going forward to today, backing in with a five
17 percent return, of this 81 percent replacement goal, what
18 does the 401/457 on your glide path, what's the percentage
19 that accounts for outside of the DB?

20 INVESTMENT MANAGER LI: It's 5.8 percent, if you
21 adopted the current -- the recommended glide path. The 81
22 percent is a goal. So it's based on recognized retirement
23 study, Aon Consulting Company and the Georgia State
24 University. Basically, it looks at the consumption
25 requirement of a person who's retired, who much income you

1 need to replace your -- while you're working. And people
2 recognize 81 percent is a reasonable goal.

3 VICE CHAIRPERSON COSTIGAN: I'm not -- and I'm
4 not disagreeing with the 81 percent. What I was just
5 trying to get at is as you're putting this out, I was just
6 trying to back into a number. And so for this plan, I
7 just want to make sure I heard this correctly, of that 81
8 percent, you're saying the 401/457 supplemental -- the
9 Supplement Income Program only accounts for five --

10 INVESTMENT MANAGER LI: 5.8.

11 (Lights dimmed on the dais.)

12 VICE CHAIRPERSON COSTIGAN: Oh, look, we're
13 having a SMUD problem.

14 (Laughter.)

15 VICE CHAIRPERSON COSTIGAN: 5.8 percent.

16 INVESTMENT MANAGER LI: Yes, yes.

17 VICE CHAIRPERSON COSTIGAN: 5.8 percent of the 81
18 percent.

19 INVESTMENT MANAGER LI: Yes.

20 VICE CHAIRPERSON COSTIGAN: Okay. So the
21 majority of the --

22 INVESTMENT MANAGER LI: No, sorry. It's 5.8
23 percent of your income that's like within the 81 percent.

24 VICE CHAIRPERSON COSTIGAN: Yeah, correct. So of
25 the 81 percent replacement income, 5.8 percent of it comes

1 from this voluntary 401/457. So, in reality, 75 percent
2 of someone's income under that is still coming through a
3 DB.

4 INVESTMENT MANAGER LI: Yes, yes.

5 VICE CHAIRPERSON COSTIGAN: Okay. Thank you.

6 CHAIRPERSON JONES: Mr. Costigan, maybe when the
7 lights dim, your time is up.

8 (Laughter.)

9 VICE CHAIRPERSON COSTIGAN: I know.

10 CHAIRPERSON JONES: Okay. Before I call on Ms.
11 Mathur, I just want to respond to Mr. Baggesen's comment.
12 Any fiduciary responsibility discussion around this item
13 or processes around this should come back to the
14 Investment Committee, okay?

15 All right. Mrs. Mathur.

16 COMMITTEE MEMBER MATHUR: So I think you've done
17 a really good job of addressing the risk observations that
18 the consultant -- the Board's consultant raised. And
19 specifically the three things that I heard you say, and
20 correct me if I've misunderstood, is one in the ways that
21 our members are different, and therefore can tolerate a
22 slightly -- a delayed glide path down is when they have a
23 defined benefit plan to rely on. And so this is
24 supplemental income not the core of their retirement
25 savings.

1 Two, they tend to make withdrawals later than
2 perhaps other populations, and probably it's a result of
3 there having a defined benefit plan.

4 And three, that we have an indexed approach to
5 these funds as opposed an active management approach. So
6 the Morningstar population does not -- or universe does
7 not reflect sort of the heightened risk that might be
8 associated with that active management.

9 Did I capture that correctly?

10 INVESTMENT MANAGER LI: Yes, exactly.

11 COMMITTEE MEMBER MATHUR: Okay. Thank you.

12 So then my final -- then I do have one question,
13 and that is why, with these funds, do we plateau at the
14 very end? My guess -- my suspicion, and perhaps you can
15 correct me if I'm wrong, is that people don't withdraw --
16 generally don't withdraw all of the money all at one.
17 They're withdrawing it over time.

18 And so I just -- I guess my question is why
19 doesn't this -- the curve -- the slope just become much
20 flatter, but not completely flat once you hit sort of the
21 first withdrawal date or the estimated first withdrawal
22 date?

23 INVESTMENT MANAGER LI: Sorry, the distribution
24 based on the -- our analysis of the distribution pattern,
25 the withdrawal actually start at age of 65. This is like

1 for a typical median participant. So basically, the
2 change is the current glide path you will de-risk at age
3 of 30, and start withdraw at 60. So we have 30 years of
4 de-risking. And the recommended glide path we actually --
5 you started de-risking at age of 40, and start withdrawing
6 at 65, so 25 years of de-risking. So we think start
7 de-risking at age of 40 is reasonable.

8 COMMITTEE MEMBER MATHUR: I don't argue with
9 that. My question is really from the mo -- the first date
10 of distribution or the assumed distribution date, at which
11 point there's whatever that landing period or -- why does
12 it have to be -- why are you recommending that it be flat?
13 An I appreciate that's probably the market standard, but
14 should it not be at a slight slope, because people are
15 not, you know, taking distributions all at once on the
16 first distribution date.

17 INVESTMENT MANAGER LI: Yes. Yes. That would
18 just like increase the problem like multiple-fold of
19 complexity.

20 COMMITTEE MEMBER MATHUR: Okay.

21 INVESTMENT MANAGER LI: Because if -- for
22 designer glide path, we impose a lot of structure, we put
23 in like three phase, like a linear de-risking, because if
24 you want to just solve the question without structure, it
25 will be like 40 years. And you have five asset classes,

1 so that will be like 200 variables. And then you have to
2 constrain their relative magnitude, so that will make the
3 problem like in intractable.

4 COMMITTEE MEMBER MATHUR: Okay.

5 INVESTMENT MANAGER LI: That's why the early the
6 design is put in three phrase --

7 COMMITTEE MEMBER MATHUR: Okay.

8 INVESTMENT MANAGER LI: -- and a linear decline.
9 And you could chose like accelerated decline, but just
10 based on a lot of simulation that has been done by the
11 industry that's -- doesn't like improve the outcome. So
12 this is kind of like the standard.

13 COMMITTEE MEMBER MATHUR: Okay.

14 MANAGEMENT INVESTMENT DIRECTOR: I was going
15 to --

16 MANAGING INVESTMENT DIRECTOR BIENVENUE: Maybe
17 I'll see if I can -- oh, I'm sorry, go ahead Eric.

18 MANAGING INVESTMENT DIRECTOR BAGGESEN: I was
19 just going to add a little bit more context also to
20 Alison's comments, if we just flip back to the -- oops,
21 sorry, I went the wrong direction.

22 If we actually look at this, in other words what
23 you see is basically you've had such a significant
24 reduction in equity risk over this time period, that by
25 the time point that you've reached this, that reducing the

1 equity risk by one or two percent more over a yearly basis
2 almost just adds layer of complexity to this that has
3 probably a virtually de minimis outcome, given that at
4 this point in time you've got two-thirds of this program
5 or more into more or less fixed assets.

6 So I think it's such a diminishing payoff to
7 adding that other layer of complexity that I don't think
8 anyone honestly truly believes that it's probably even
9 worth incurring the transaction cost to make that
10 happen --

11 COMMITTEE MEMBER MATHUR: Yeah, fair enough.

12 MANAGING INVESTMENT DIRECTOR BAGGESEN: -- in
13 contrast to just sort of locking that down into a terminal
14 portfolio that can then operate, you know, relatively
15 straightforward with very little actual rebalancing
16 activity.

17 COMMITTEE MEMBER MATHUR: Okay. Thank you. THAT
18 makes sense.

19 I'm sorry, did you --

20 MANAGING INVESTMENT DIRECTOR BIENVENUE: Yeah,
21 the one -- I'm sorry, the one thing I would add to that
22 and just really just expanding on what Eric was saying is
23 that you'll notice that after the 2015, everybody goes
24 into the income fund. So even though we had people that
25 retired in 2010, 2005, you know, probably people in the

1 1990s, we still just go to an income fund and it just
2 stays there.

3 COMMITTEE MEMBER MATHUR: Okay. Well, with that,
4 I'm comfortable with the recommendation, so I would move
5 staff's recommended glide path.

6 COMMITTEE MEMBER SLATON: Second.

7 CHAIRPERSON JONES: Okay. It's been moved by Ms.
8 Mathur, seconded by Mr. Slaton.

9 Okay. Ms. Brown.

10 COMMITTEE MEMBER BROWN: Thank you.

11 I was looking at this agenda item, attachment 2,
12 the Wilshire report, page three. And I just wanted
13 somebody to address the three comments by Wilshire,
14 because they say specifically they want to make sure that
15 we understand several observations to ensure that the
16 Investment Committee is comfortable with the risk
17 characteristics embedded in the proposed changes.

18 So I want to make sure those were addressed that
19 we understand what those mean?

20 We'll call on Wilshire to...

21 MR. FORESTI: Good morning. Steve Foresti from
22 Wilshire Consulting. So I'll be brief, because I think
23 you've touched on, in the discussion that's already taken
24 place, the point that we were raising, which essentially
25 is the portion of the glide path where the recommended

1 allocation to equity and risk assets exceeds that
2 Morningstar Universe.

3 And we set it up in several bullet points. But
4 essentially, the first two bullet points lead to that
5 observation. And the first bullet point would be in the
6 early part of the glide path, the allocation to these
7 growth assets is within the universe, but the high end of
8 the universe. It then extends further along before
9 de-risking, and as such, immediately prior is to
10 de-risking and then early in the de-risking glide path is
11 outside of that universe.

12 So as we noted in our letter, we're completely
13 comfortable with the process, the inputs, the use of
14 participant data, the sources for that information, the
15 risk metrics that were assessed to understand the risk
16 characteristics of different glide paths. We simply note
17 that risk, because it's difficult from the information
18 that we've seen to really understand the tradeoff for
19 taking that peer risk.

20 And you can, I think, count on Wilshire for
21 always pointing out the importance, value, and sometimes
22 where peer universes really aren't that important. You
23 should be investing for your specific needs. And the most
24 important thing in this is the participant universe. That
25 being said, you know, the key risk that staff pointed out

1 in their cover letter to this agenda item is estimation
2 risk, and the risk that the assumptions that go into the
3 process are not realized through time.

4 So while the peer universe may have its flaws,
5 we've kind of talked about some of them this morning, that
6 serves as a very nice check of other institutions that are
7 going through a process of striking asset class
8 assumptions, of trying to understand risk trade-offs for
9 meeting income replacement in the future.

10 And when you have an outlier point or a risk
11 point that looks a bit different than that universe,
12 albeit built on information and participant data that's
13 specific to your objectives, it strikes us as a good check
14 point to step back and really understand what is the
15 tradeoff for accepting that risk. And to Ms. Li's point
16 during the presentation, she made the comment that that
17 risk is well worth taking.

18 Our only hesitation in having a full-throated
19 recomm -- support of the recommendation is that that's
20 just not a call that we feel like we were in a position to
21 make, because we just didn't see the data on what the
22 trade-off was. Said differently, if you constrained it to
23 say inside of that universe, it's just unclear again just
24 from the information that we've seen, what the sacrifice
25 is in terms of those important risk metrics that were

1 reviewed, I think, on page 22 of the deck.

2 So that was our perspective. We wanted to
3 highlight the risk. It's not, in any way, to suggest that
4 that risk isn't worth the trade-off, it's just that it is,
5 I think, an important risk metric to consider.

6 COMMITTEE MEMBER BROWN: Thank you.

7 CHAIRPERSON JONES: Okay. Mrs. Hollinger.

8 COMMITTEE MEMBER HOLLINGER: Thank you. Yeah, I
9 have that -- I shared same level of concern that we're
10 going outside the risk metrics at a point where people
11 have accumulated a significant amount of money. They
12 don't necessarily have the time horizon. And so I was --
13 I wanted to know. And so -- and I didn't see the tradeoff
14 or the rationale for doing that. Do you -- did RVK give
15 us the rationale or are they here to speak to that?

16 CHAIRPERSON JONES: This is open.

17 There's a seat over here, also on the end.

18 MR. PALMERI: Thank you very much. My name is
19 Rob --

20 CHAIRPERSON JONES: Your mic.

21 MR. PALMERI: Thank you very much. So my name is
22 Rob Palmeri. I'm the head of the DC solutions group at
23 RVK. Appreciate the opportunity to address the Board --
24 or the Investment Committee. With me is Mikaylee O'Connor
25 who is also a member of the DC solutions group at RVK.

1 So there's been a good amount of discussion about
2 risk, and that there is this -- so, yeah, the trade-off
3 question. If you go to -- and I don't have a clicker here
4 with me. But if you go to page 23 -- yeah, thank you. So
5 here's your current statistics, right.

6 And so what we see here is that you've got an
7 annualized return of 5.1 percent with a volatility
8 currently of 10.4, ending balance of 212, replacement rate
9 is 73 percent. You also have a probability of a shortfall
10 of 83 percent meaning you run out of money. And you run
11 out of money in that 13-year time horizon. You also have
12 to -- a contribution level in order to bring that
13 short-fall risk down of 3.6 percent.

14 The replacement right now currently that the plan
15 is producing for income replacement ratio, which Mr.
16 Costigan, we were talking a little bit about there, is 4.3
17 percent. So now if you go back to page 22, you'll see
18 that these projections, based on the recommendation --
19 recommended glide path, improve. So you've got an
20 annualized return that goes up significantly from 5.1
21 percent to 6 percent, so up 0.9 percent.

22 The volatility as we all -- as Wilshire pointed
23 out, actually does go up to 13.6 percent. So this is
24 going to be the tradeoff now. Your ending balance
25 increases by 70,000 -- \$70,000 to 285. Your replacement

1 ratio goes up by three percent, so that's an improvement.
2 That's a good improvement.

3 If you look at the probability shortfall, this is
4 what's important, it goes down dramatically from 83
5 percent to 71 percent. So you improve your ability --
6 excuse me, you improve your shortfall risk significantly
7 by 12 percentage points, and you extend your depletion
8 rate out a year. So again, that shortens -- that
9 improves.

10 Lastly, as you can see at the bottom, now you
11 only need to -- an additional 1.5 percent in
12 contribution -- additional contribution in order to even
13 improve that shortfall risk dramatically.

14 Is there a question?

15 CHAIRPERSON JONES: Go ahead.

16 COMMITTEE MEMBER HOLLINGER: That's assuming that
17 you hit your numbers every year.

18 MR. PALMERI: Well, over the long term, that's
19 assuming over the life of a participant.

20 COMMITTEE MEMBER HOLLINGER: Right. But as you
21 go longer out on the horizon, that volatility factor, in
22 terms of loss and time horizon, I mean, that --

23 MR. PALMERI: Well, you get -- I mean, models are
24 just so good, right?

25 COMMITTEE MEMBER HOLLINGER: Right.

1 MR. PALMERI: I mean, you're absolutely correct.
2 I mean, there's a big assumption here. So Eric actually
3 explained -- let me explain -- talk a little bit more
4 about the risk component, because Eric explained the
5 sources of income.

6 So you've got a defined benefit plan. And for
7 some of your participants, we understand that you have
8 Social Security even. So that's good. Those are two very
9 good points that we -- or attributes about your plan
10 relative to other plans, the universe of plans, that's a
11 positive. And that affords you a luxury of taking a
12 little bit more volatility risk in order to achieve a --
13 achieve a much better income replacement ratio over the
14 long term.

15 The second point, which I don't think I heard
16 anybody discuss, is that your time horizon, which I think
17 you brought up, is that -- and I think Alison mentioned
18 this earlier, for a retiree. So you retire at 58, but
19 your participants don't even start taking it until 65.
20 And then, actually the majority. I think it's -- I think
21 it's about 70 percent, if I remember correctly, don't
22 really start taking it until age 70, if I remember
23 correctly.

24 So that time horizon is even longer, affording
25 you more ability to take more risk.

1 COMMITTEE MEMBER HOLLINGER: I'm not
2 uncomfortable with your projections during the early
3 years. It's just later years. The outside --

4 MR. PALMERI: Yes. And your plan, specific to
5 your plan again, participants are not taking distributions
6 at retirement. They're 12 years down. I think it was 31
7 percent at 65. And then most of them, the majority, take
8 it at 70. So that time horizon is longer, affording you
9 the luxury of taking a little bit more volatility.

10 COMMITTEE MEMBER HOLLINGER: Thank you.

11 MR. PALMERI: Mikaylee, I don't know if you want
12 to add to that.

13 MS. O'CONNOR: Yeah. I would also add that the
14 median balance pre-retirement is 28,500. So this is --
15 even though our projections show 285,000, that is for a
16 participant who starts at age 23, contributes and stays in
17 the plan, and at the end, they should have, based on
18 projections, that amount of money.

19 But reality is balances are -- median balance is
20 28,000. So we know participants are not using this as an
21 income source. They're not needing it as an income source
22 right now, at least current retirees. That may change as
23 benefits change over time. And so they're not using it.
24 They don't need the liquidity, so we think of that as
25 capacity.

1 So they have -- they have capacity to take on
2 more risk, because they're not needing that liquidity,
3 because they're using other sources of income. And so
4 that's based on the data. That's why we say, they can
5 take on a little bit more, and have that as an additional
6 buffer for whatever they are going to use their money for.

7 CHAIRPERSON JONES: Okay. Ms. Yee.

8 COMMITTEE MEMBER YEE: Thank you, Mr. Chairman.
9 I really appreciate this discussion, and especially taking
10 what we've learned and the data that we've learned through
11 the asset allocation process with the PERF, and applying
12 it here. And it seems to me that -- and some of these
13 questions will be tempered by the recognition that the
14 participants in these plans have DB benefits as well, but
15 that the assumptions with respect to the beginning age of
16 drawdown, as well as maybe some economic assumptions, I
17 just want to be clear about it. When we have the PERF
18 asset allocation discussion, it was really assuming that
19 this sustained economic expansion would be coming to an
20 end soon, and certainly affecting our return projections.

21 And I guess I'm wondering if applying that
22 assumption to these plans isn't prudent to even think
23 about increasing risk levels for these programs, even with
24 the delayed drawdown by the participants.

25 MR. PALMERI: Did you want --

1 CHIEF INVESTMENT OFFICER ELIOPOULOS: I see Eric
2 getting back up, and probably not a question four R.V.
3 Kuhns. You know, the same capital market assumptions that
4 we use for the ALM, we used for this. That's the first
5 piece. And then the question I think you're asking then
6 goes to really the timing -- the market timing of when
7 these changes, you know, may be made or not.

8 And I think I'll let Eric answer that. But my --
9 you know, our approach generally is we have regular time
10 periods to do these asset allocations. We do quite a bit
11 of work to assess the market assumptions, and all the
12 other factors into plan design, and we tend not to try and
13 time the market in terms of when we think a downturn may
14 or may not happen, especially as we set conditions for
15 very long periods of time.

16 MANAGING INVESTMENT DIRECTOR BAGGESEN: Yeah. I
17 mean, I think -- I think Ted is exactly right in that
18 space. When we did this work on the asset allocation, we
19 try to come up with a set of estimates that we think are
20 averages that will exist over like a 10-year timeframe.

21 And obviously, you can have -- markets can boom,
22 markets can bust in that time period. But particularly in
23 something like a defined contribution plan, where people
24 are contributing that money. In other words, even if the
25 market blows off, that basically means that they're buying

1 that risk exposure at a lower cost. So in reality, if
2 you're in an accumulation phase, you would actually in --
3 you would prefer that the market not boom. You would
4 actually prefer that the market blow off --

5 COMMITTEE MEMBER YEE: Right, right.

6 MANAGING INVESTMENT DIRECTOR BAGGESEN:

7 -- because you'RE buying assets for less
8 expensive. So that is the time potentially to increase
9 that risk.

10 Now, the market has not blown off yet at this
11 point in time. But relatively small amounts of money in
12 any of these plans would be shifting into risk assets at
13 this -- at this exact moment in time. Instead, this is a
14 program of averaging into the marketplace over a 30 or 40
15 year period. So I think you just have to retain that time
16 context on this, and not necessarily anchor on what could
17 or couldn't happen to the marketplace over a relatively
18 short-term timeframe, because that just creates a degree
19 of uncertainty that makes it almost impossible to make a
20 decision over something that is unknowable.

21 You know, if -- you know, ultimately, the
22 structure of this plan and the structure of the PERF, we
23 are basically taking market risk, growth-related risk, on
24 the belief that that risk will ultimately be compensated,
25 and will ultimately be compensated even through the thick

1 and thin periods where the market blows off. And then,
2 you know, if the market never recovers after the next time
3 it sells off, then that will be a poor bet to have made.

4 But that will be a bet that -- that condition
5 would be basically setting up virtually the entire
6 financial system for failure. So there's no way that we
7 can run this program to try to succeed where the rest of
8 the economy is basically failing. That's -- you know, we
9 don't believe that that's an option that we have in front
10 of us. And I -- personally, I wouldn't manage my own
11 money in my own 401(k) program that way.

12 COMMITTEE MEMBER YEE: Right. Yeah. I'm
13 thinking about obviously there's going to need to be a
14 pretty robust communication component with the
15 participants in these programs, and the employers. But --
16 and to Ms. Hollinger's point, I guess just some comfort.
17 I mean, I'm personally of the belief that, you know, costs
18 for living in retirement are going to be more challenged
19 going forward. And so I think the assumption about later
20 drawdown may not hold.

21 But to the extent that we do face a large
22 downturn in the near term, and the impact on the near-term
23 target date funds 2025, 2030, 2035, do you feel
24 comfortable we have enough time to recover?

25 MANAGING INVESTMENT DIRECTOR BAGGESEN: Can we

1 have the clicker for a moment.

2 I think if we -- if we actually look at the
3 structure that's here. In other words, so what you see
4 basically happening, right, the reason that these lines --
5 the black line lies outside the Morningstar experience, it
6 obviously starts a little bit higher. So I think you
7 probably have another, I don't know, maybe five percent
8 equity exposure on top of the average in the Morningstar
9 Universe right at the very beginning of the accumulation
10 phase.

11 It's the lengthening of that plateau period
12 though for another five years that causes that link, and
13 then you have a steeper path. So this actually de-risks
14 at an accelerated rate over the Morningstar Universe. So
15 for the plans for the individuals that are closer to
16 retirement, their plan, under this kind of a program,
17 would be de-risking at a speed faster or a rate faster
18 than would be if they were associated with the Morningstar
19 average, let's say.

20 So I think that that plays into exactly the
21 comment that you just made, Ms. Yee, you know, in that
22 regard that, you know, if the market should fall apart,
23 the people that are closer to needing that money would be
24 basically having risk taken off the table at a rate
25 actually faster than the Morningstar.

1 COMMITTEE MEMBER YEE: Faster.

2 MR. PALMERI: Yeah, absolutely. And you can see
3 actually at the tail-end there, it gets very close to the
4 Morningstar average, not that we're promoting that, but
5 you could see that's where -- that's the -- that's the
6 warning zone, if you will, near retirement and retirement.
7 And that's where it's at it's lowest level with equity.

8 Also, one other thing, you mentioned adding --
9 the very nature of a DC plan adding -- you're actually
10 dollar cost averaging in periods of underperformance.
11 Don't forget also that the nature of a target date fund is
12 rebalancing. So that's a very -- most participants -- not
13 just your participants, most participants don't rebalance.
14 They don't know enough to do that. But in the target date
15 fund, you have that -- that mechanism.

16 COMMITTEE MEMBER YEE: Right. Thank you.

17 MANAGING INVESTMENT DIRECTOR BIENVENUE: Can I --
18 I just -- one thing I would -- can we go to slide 22
19 really quickly. And, Ms. Yee, you mentioned the need for
20 communications. So there definitely will be a need for
21 communication. Importantly, people can move themselves
22 shorter or longer. If they choose to, our participants
23 can do that.

24 But really importantly, I just want to mention
25 remember our Investment Beliefs, I think it's Investment

1 Belief 9, is that risk is multi-faceted. You'll notice
2 that even here in those quote improved place, there's
3 still a 71 percent probability of shortfall, which is
4 another risk.

5 And so we have to -- early on in D.C. plans, they
6 actually made the qualified default investment option,
7 what is what covers you from a fiduciary standpoint, the
8 fact that's qualified.

9 Early on, those were the cash -- the cash option.
10 They actually found that because of inflation, that was a
11 more risky place to be. There wasn't market risk, but
12 there was inflation risk, and so that's why, if we move to
13 a places from -- with -- you know that a -- that a glide
14 path can actually be considered a qualified default
15 investment option, and it actually covers from a fiduciary
16 duty standpoint. So that not taking risk isn't one of the
17 options. We believe this is the best set of risks to
18 take.

19 COMMITTEE MEMBER YEE: Yeah, I understand.

20 Great. Thank you.

21 CHAIRPERSON JONES: Okay. Thank you.

22 Mr. Costigan.

23 VICE CHAIRPERSON COSTIGAN: Sorry, just a few
24 clarifications. I just want to make sure. The median
25 value is \$28,000 is what you said?

1 MS. O'CONNOR: It's around 28.

2 VICE CHAIRPERSON COSTIGAN: Okay. Is that at
3 retirement or across all active participants?

4 MS. O'CONNOR: It's the median balance
5 pre-retirement.

6 VICE CHAIRPERSON COSTIGAN: So that's across all
7 active participants.

8 MS. O'CONNOR: Um-hmm.

9 VICE CHAIRPERSON COSTIGAN: Okay. The 71 percent
10 probability of shortfall, is 71 percent of the 81 percent?
11 Or 71 percent of the four percent?

12 MR. PALMERI: Seventy-one percent is the amount
13 that you do not reach that 81 percent.

14 VICE CHAIRPERSON COSTIGAN: Okay. So under --
15 even under this model, what we're saying is 71 percent of
16 the participants are not even going to meet 81 percent --
17 the 81 percent goal with a combination of a DB and a DC.

18 MR. PALMERI: Correct. And remember, so that
19 includes anybody. So you could be at 79 percent, you're
20 still under your --

21 VICE CHAIRPERSON COSTIGAN: No, I understand. I
22 mean, that -- yeah, that's a big number.

23 MR. PALMERI: I mean, there's no silver bullet,
24 if that's what you're asking, that's correct. And that's
25 why -- again, that's why -- to the gentleman's point here

1 is there -- it's necessary to be in growth assets to
2 optimize return over time.

3 VICE CHAIRPERSON COSTIGAN: I think Mr. --
4 someone made the right statement. I mean, you -- I look
5 at the DC as actually where you take on more risk in order
6 to hit your 81 percent. So I take a lot of risk in that
7 side of the house, so to speak, because you're better off
8 because you do have a DB side. So these folks, I think,
9 can take on more risk, because you have the fact -- you've
10 got the DB on the backside.

11 But just very quickly, the 13 year drawdown, is
12 that representation between 65 and 78, or is that 78 and
13 then 13 years till it expires? I'm just trying to
14 understand. Footnote 2 says, "In case of shortfall..." -
15 which is inevitable, since we say it's 71 percent. So
16 it's inevitable you're going to have a shortfall -
17 "...years before drawdown represents the number of years
18 the median participant...", who only has \$28,000 in their
19 account, "...can draw on their CalPERS 457 balance to meet
20 any income shortfall".

21 So I just want to make sure I understand this.
22 There's a 71 percent they're not going to meet the 81.
23 It's a 13-year drawdown, and they have a median income of
24 \$28,000. I'm just trying to doing the math here. Am I
25 missing anything?

1 MS. O'CONNOR: So the 457 Plan is used as a
2 stopgap. So we know that participants retire at around
3 age 58, but they don't start taking distributions from the
4 457 plan till age 65. So during that period of time, we
5 expect them to use their personal savings, or maybe they
6 have the other income from another person. Based on the
7 data that we have, participant start taking withdrawals at
8 65.

9 So from 65 to 14 years is when they're pulling
10 down their 457 balance --

11 VICE CHAIRPERSON COSTIGAN: I'm sorry --

12 MS. O'CONNOR: -- to reach that 81 percent
13 replacement goal.

14 VICE CHAIRPERSON COSTIGAN: That's 65 plus 14 --

15 MS. O'CONNOR: Um-hmm

16 VICE CHAIRPERSON COSTIGAN: -- to 79?

17 MS. O'CONNOR: Yes.

18 VICE CHAIRPERSON COSTIGAN: Okay. But we adopt a
19 74 year mortality table typically for a male. I mean, I
20 know we're probably beating this one. But when you
21 start -- this is why you've got to love math, because
22 we're throwing a lot of numbers around, right?

23 Because you can retire at 50, we're assuming they
24 retire at 58. They're doing a drawdown at 65. We're
25 adding 14 years, but the mortality rate is not that far

1 out. So I'm just trying to get --

2 MS. O'CONNOR: The mortality rate is for a
3 two-person household. So at one -- at a certain point,
4 when we expect somebody to pass away, the income
5 replacement will go down.

6 VICE CHAIRPERSON COSTIGAN: And then last
7 question, the 28,000 then represents a two-party
8 household? That's the median income -- or median asset.

9 MS. O'CONNOR: No, the 28,000 is the balance in
10 the 457 plan --

11 VICE CHAIRPERSON COSTIGAN: For two people.

12 MS. O'CONNOR: -- pre-retirement.

13 VICE CHAIRPERSON COSTIGAN: For a two-person
14 household?

15 MS. O'CONNOR: No, it's for one person in the
16 plan. But all kind of income replacement projections
17 assume a two-person household with a one-person income
18 earner.

19 VICE CHAIRPERSON COSTIGAN: And I'm just -- I
20 have one last question. Why do we make the assumption
21 it's two income? I mean, with all due respect, my wife
22 doesn't work. She gave up her career 10 careers ago. So
23 where do we model a single person or a single individual
24 with a spouse that doesn't work, or are all of our
25 assumptions based on a two-party household income.

1 MS. O'CONNOR: It's a two-party household, but a
2 one-person income earner.

3 VICE CHAIRPERSON COSTIGAN: Okay. That's what I
4 need to know. Thank you.

5 CHAIRPERSON JONES: Okay. Mr. Slaton.

6 COMMITTEE MEMBER SLATON: Thank you, Mr. Chair.

7 I find this a fascinating conversation. I think
8 there are only a few of us on this Board who have full
9 longevity risk. In other words, they're are a few of us
10 who don't have the benefit of a DB plan. And so we look
11 at this maybe through a slightly different lens.

12 I wish I had one. It would be great to be able
13 to have this as an additional component added to a DB
14 plan. So I think when we look at it as this addition, as
15 this added on top of, I think our biggest challenge is
16 that people don't use it. A \$28,000 balance is sort of
17 unbelievable as an average. I'm really shocked that
18 number is so low.

19 So, to me, the real question is why aren't more
20 people using this? And I don't know whether it's just
21 immediate gratification versus putting the money away?
22 I'm not quite sure I understand why. But, to me, that's
23 a -- more of an issue than the plan design.

24 And it seems like the plan design, given that you
25 have a basis of a DB plan, you may or may not have Social

1 Security on top of that, which again eliminates longevity
2 risk, says that this is -- to me that this is prudent.

3 So I'm encouraging people to vote for this, and I
4 even call the question, but maybe that's not appropriate
5 in this forum.

6 CHAIRPERSON JONES: No, we have one more and then
7 we'll call for the question.

8 MANAGING INVESTMENT DIRECTOR BAGGESEN: Could I
9 just make a comment in relate to Mr. Slaton's comment
10 though. In other words, what we don't know is what is
11 going be the behavior of the participants going forward.
12 So in other words, you have things like PEPRA that are
13 rolling through the system that could increase the
14 importance of this plan, which is why you come back
15 periodically to redo this analysis. This is not just set
16 it at one point in time, and it's going to run for the
17 next 50 years without adjustment.

18 Basically, we keep -- we'll come back and we'll
19 review this on probably a five-year incremental basis to
20 refresh all of that pool of information. And it is not
21 necessarily a foregone conclusion, for example, that
22 people are going to have a 71 percent probability of
23 shortfall, because literally if they increase their
24 contribution by one and a half percent on this recommended
25 path, that reduces this Probability to 50 percent. If

1 they increase a contribution to five percent, that's going
2 to -- you know, it's up to the participant to exactly the
3 point that you made, Mr. Slaton, to determine just how
4 important is this to their overall financial picture.

5 And that's a question that we can't necessarily
6 answer here, and I don't think that we should necessarily
7 be trying to build a plan that could try to account for
8 every possibility of participant behavior. So this is
9 anchored on the average participant in the plan, and the
10 conditions around that average. But you need to
11 understand that I think with, you know, a bit of a grain
12 of salt in that.

13 COMMITTEE MEMBER SLATON: One last question. The
14 participants do have the ability to move from a glide path
15 approach to the other approaches. So that's totally
16 within the control of the participant, correct.

17 MR. PALMERI: Yep, that's right.

18 COMMITTEE MEMBER SLATON: No restrictions on
19 that. Is there timing on going in and out? In other
20 words, if I -- if I went out of this, and then could I
21 come right back in a month later? What's the rule? What
22 are the rules?

23 INVESTMENT MANAGER REESE: So within the program,
24 we do have some frequent trading constraints, where a
25 participant, if they're moving in and out of a fund too

1 frequently, we will -- we do monitor that behavior,
2 because the -- you know, the goal is retirement savings
3 not market timing.

4 But apart from those rules, participants do have
5 freedom of choice to move between the core funds, the
6 target date funds. And within the target date funds, they
7 can move to a more conservative or more aggressive fund
8 than their retirement date might suggest.

9 COMMITTEE MEMBER SLATON: Right. So education
10 component --

11 INVESTMENT MANAGER REESE: Absolutely.

12 COMMITTEE MEMBER SLATON: -- is an important part
13 of this.

14 INVESTMENT MANAGER REESE: Absolutely.

15 COMMITTEE MEMBER SLATON: Thank you.

16 CHAIRPERSON JONES: At this time, I'm going to
17 only call on members who have not had an opportunity to
18 speak. So given that, Ms. Taylor.

19 COMMITTEE MEMBER TAYLOR: Thank you. So I do
20 appreciate this presentation. And I'm going to be
21 supporting this as well.

22 I just -- I think I had a couple of things that I
23 wanted to like comment on. And one of them was Mr.
24 Slaton's talking about the fact that, you know, not
25 everybody has the pension to build on, and have this 457,

1 so that you can get to 81 percent of your income, which is
2 why I joined the State of California when I did.

3 (Laughter.)

4 COMMITTEE MEMBER TAYLOR: I jointed the State of
5 California because your 401(k), or 457, or whatever it is,
6 doesn't always provide what you need.

7 The other thing I wanted to just ask was this --
8 71 percent probability of shortfall, and then the average
9 \$28,000 of savings. Does that have to do with -- and I
10 know we're sort of speculating here, but I would think it
11 would have a lot to do with, and I remember the
12 conversations, is after the crash a lot of people decided
13 they weren't going to put money in their 401(k) anymore or
14 their 457. So I'm wondering if that has something to
15 do -- this is very recent history, even though it's been
16 almost 10 years. But a lot of us that are at retirement
17 age -- my husband lost most of his retirement, and he was
18 retired.

19 So, I mean, I think that has a lot to do with
20 why -- these have to be considered savings plans and
21 supplements.

22 MR. PALMERI: Yeah.

23 COMMITTEE MEMBER TAYLOR: They can't be
24 considered your sole retirement fund.

25 MR. PALMERI: I don't think we can speak to your

1 specific plan's behavior at that time, not having been
2 your -- involved.

3 But I do think there's a trend that's going on in
4 the -- in the industry, if you will, that most
5 participants, most plans generally looked at the 457 plan,
6 the DC plan as supplemental. So there wasn't a whole lot
7 of emphasis put on over the years on contributing to that,
8 particularly when you had a defined benefit plan.

9 So I think there's some legacy here probably in
10 terms of why it hasn't been utilized as much. And I don't
11 think that that's anything different from other public
12 State plans as well. I don't know if you wanted to add
13 anything.

14 COMMITTEE MEMBER TAYLOR: And I just wanted to --
15 I think -- I think the good thing here is we're looking at
16 this as an addition, as a supplemental plan, but a lot of
17 folks don't have that choice --

18 MR. PALMERI: Yeah.

19 COMMITTEE MEMBER TAYLOR: -- like Mr. Slaton
20 said, right? So they are looking at a 401(k) outside of
21 public work as their only source of retirement. And
22 really, that's honestly not given, how 401(k)s have tanked
23 in the past several times in my lifetime. It's something
24 that we need to understand is not -- not a primary source
25 for retirement.

1 MR. PALMERI: And as Eric said, this is something
2 you want to monitor going forward, and not just the asset
3 allocation in what we're talking about here --

4 COMMITTEE MEMBER TAYLOR: Right.

5 MR. PALMERI: -- but your plan participant's
6 behaviors. And Mikaylee mentioned benefits change over
7 time, which the law passed that benefits have been being
8 reduced, so for the younger employees.

9 COMMITTEE MEMBER TAYLOR: Right.

10 MR. PALMERI: Both of those are really important
11 points.

12 COMMITTEE MEMBER TAYLOR: Right. Thanks.

13 CHAIRPERSON JONES: Mr. Miller.

14 COMMITTEE MEMBER MILLER: Yeah. Most of my
15 questions have been answered. And I also, like Ms.
16 Taylor, I'm supportive of this. Kind of two things I
17 wanted to comment on one. I think the slightly higher
18 levels of risk extending that accumulation period a little
19 longer, especially looking at slide 21, whereas if we
20 really were reflecting the relative risks in a more real
21 world way, I think the blue area would probably extend to
22 more than cover that -- that four or five year extension,
23 and the complexity of trying to more closely match that
24 would be kind of unreasonable.

25 And looking at it in the bigger picture of this

1 is supplemental, as these were always meant to be to
2 having an actual pension, which fewer and fewer people
3 have these days, I don't see that as any problem for me to
4 go with. I think I'm pretty comfortable with that.

5 So I wanted to come back to, you know, Mr. Slaton
6 and ask how do we get people to participate? And at least
7 from my perspective, I'm a professional scientist. We're
8 among the highest paid public servants in State
9 government. I'm one of the highest paid scientists in
10 state government. I'm a Senior Scientist. My take-home
11 pay is under \$4,000 a month in that check after you take
12 away benefits, health care, my retirement, contributions.

13 Public employees, virtually all of them, are
14 paying way more into their retirements than they were a
15 fewer years ago. For me, and most scientists most State
16 miscellaneous, we're paying 60 percent more in than we
17 were. We went from, you know, five percent roughly to
18 over eight percent. Our salaries have not kept up with
19 that at all.

20 And so for a lot of folks who have a pension,
21 they're relying that exclusively. They're relying on
22 their health care benefits from CalPERS not to be going up
23 and hitting them in the pocket book. And so the biggest
24 thing we can do to get them to participate is to make sure
25 they have some expendable discretionary income that they

1 can put into some of these things, because right now
2 people aren't participating because they can't afford to.
3 They just don't have the cash flow right now.

4 CHAIRPERSON JONES: Thank you.

5 Mr. Rubalcava.

6 COMMITTEE MEMBER RUBALCAVA: Thank you. I really
7 appreciate the presentation. And I do feel very
8 comfortable with the asset allocation. So this is
9 something I am familiar with, because I am on a similar
10 board to this with 457. But one thing that wasn't -- it
11 was one of the charts, but it wasn't really discussed, and
12 I agree with everybody about the importance of participant
13 education. So they -- if they're comfortable, they can
14 get the -- the window. If not, the age space -- I think
15 is the retirement age space is perfect.

16 But I -- do one of the concerns I noticed, maybe
17 it's not a problem here, is a lot of people do the right
18 thing. They contribute, but then they get enticed to
19 roll-over at retirement, instead of keeping the money
20 to -- for full distribution, what have you. Is that a
21 prob -- I mean, I notice there's on chart 17, C, rollover,
22 does that mean the number of people that actually at
23 retirement roll it over out of the plan, is that what that
24 means?

25 INVESTMENT MANAGER LI: Yes.

1 COMMITTEE MEMBER RUBALCAVA: So it's kind of low,
2 which is good. But I think if we're going to do a robust
3 communication program about the importance of
4 contributing, it should also include the importance of
5 keeping your money here, so it provides a supplement to
6 your defined benefit as was designed.

7 Thank you very much.

8 CHAIRPERSON JONES: Response.

9 CHIEF INVESTMENT OFFICER ELIOPOULOS: I'm sorry,
10 I was waiting till the motion because I've got some --
11 summary of points for follow up.

12 CHAIRPERSON JONES: Yeah. But no, the motion by
13 Ms. Mathur second by Ms. Slaton is on the floor. But I
14 wanted to know did you have any response to Mr.
15 Rubalcava's comments or Mr. Miller's comments before we
16 offer the vote.

17 CHIEF INVESTMENT OFFICER ELIOPOULOS: Well, I
18 think we -- sure, well, I'll just go quickly. You know,
19 these are supplemental savings plans as has been
20 discussed. In terms of the fiduciary obligation of this
21 Investment Committee to select planned asset allocation
22 and glide path, I think both the expert advice from a
23 recognized third-party expert, R.V. Kuhns, is before the
24 Committee.

25 You have the advice from your investment staff,

1 as well as independent third-party fiduciary Wilshire. I
2 think they've highlighted collectively the risks and
3 options to your choice. I actually -- the discussion
4 amongst the Committee members I think watching and
5 participating have fulfilled the fiduciary obligations to
6 be prudent in making these choices.

7 The last piece that I was going to mention is
8 this question of communication, and education, and plan
9 design whether -- I think we're all for -- we are for
10 having supplemental savings plans for our beneficiaries.

11 The question Mr. Costigan raised around Placer
12 County, whether we have -- which plans we offer, and how I
13 think the direction perhaps could come from the Committee
14 Chair that we work with the CEO to bring that back to the
15 appropriate committee. I think communication, education,
16 whether we offer a plan or not more appropriately belong
17 in the Finance Committee for a future date, but we could
18 work with the CEO to schedule that for you.

19 CHAIRPERSON JONES: Okay. So on the motion. All
20 those in favor say aye?

21 (Ayes.)

22 CHAIRPERSON JONES: Opposed?

23 Hearing none.

24 The item passes. Thank you very much.

25 We now move to 6, which has three different

1 components A, B and C. So we'll start with 6a. And these
2 items under 6 are informational items. And 6A dual
3 class/non-voting shares update and debate.

4 (Thereupon an overhead presentation was
5 presented as follows.)

6 CHIEF INVESTMENT OFFICER ELIOPOULOS: Yes, Mr.
7 Chair. Thank you very much. This is the first of three
8 Corporate Governance items 6a, 6b and 6c. And I'll give
9 the team time to adjust and move into the seats here.
10 I'll be joined by Anne Simpson and Dan Bienvenue and
11 Simiso Nzima for all three of the trilogy 6a, 6b and 6c
12 we'll be taking up in succession.

13 6a is not only a follow-up from last month, but a
14 delayed by one month our promise to come back and discuss
15 dual class and non-voting shares and the debate and
16 discussion around that very important topic is here in
17 April, rather than last March. So 6a is information and
18 educational item, and a preview of what may or may not
19 come over the next year to 18 months in the marketplace on
20 this very important topic, so we'll get to that.

21 Just to give a preview and expectation setting
22 for the Committee, 6b is review of the principles -- the
23 governance sustainability principles. And that, too, we
24 had some directed items to bring back with respect to the
25 principles.

1 One having to do with sexual harassment topic,
2 and we have some proposed language for the Committee to
3 consider, as well as a more specific discussion around the
4 Treasurer's request to consider some enhancements or
5 improvements or changes to our diversity principles and
6 guidelines within our principles. So that's 6b.

7 And then last, 6c is the most straightforward I
8 think of the three. It's our regularly scheduled item to
9 go over our proxy season. It's one of a series of
10 discussions around our proxy season. 6c is particularly a
11 discussion around proxy solicitation, where we'll put
12 the -- both the might of CalPERS name, as well as some
13 dollars in soliciting proxies around proxy fights coming
14 in the current season.

15 So that's the trilogy laid out.

16 6a you'll now hear from myself, Anne Simpson, and
17 Dan Bienvenue, I think in that order. No, actually, it
18 will be myself, then Dan, then Anne, in that order to take
19 you through this topic.

20 --o0o--

21 CHIEF INVESTMENT OFFICER ELIOPOULOS: I'm going
22 to start. There's lots of information and background
23 information on, you know, what is one share one vote, what
24 is dual class shares, what is non-voting. I think we've
25 had those discussions in the past and information is

1 provided in the item. What we thought we would do is
2 start really with a scene setting over, you know, what
3 is -- first, what's the debate in the marketplace around
4 dual class shares?

5 What's the case on the one side for one share one
6 vote? What's the case for unequal voting rights, such
7 that you see in dual class shares and non-voting rights.
8 Now, this is a debate in the marketplace. It's not a
9 debate here within CalPERS. This issue is settled
10 before -- with respect to CalPERS view.

11 It's a long-standing view in our principles, and
12 a long-standing view of not only this Investment
13 Committee, but the investment staff. So this isn't a
14 debate -- an internal debate, this is merely to -- not
15 merely. This is importantly to show the debate within the
16 marketplace and different market participants who see this
17 topic with different lenses.

18 The case for one -- well, before I get to the
19 case for one over the other that's covered here, I should
20 say that no matter what side of the market participant
21 ledger you are in this debate, most market participants
22 are viewing this debate from the lens of what's in the
23 best interests of the long-term ownership of these public
24 shares.

25 Both are coming from the same belief set and the

1 same viewpoint. And the -- now, CalPERS thinks --
2 believes that the one share, one vote has the better side
3 of that argument, which argues that the shareowners, who
4 hold -- you know, who own fractional shares of these
5 companies, you know, should be able to participate in the
6 most important votes of the corporations in terms of their
7 boards of directors and other very important governance
8 rights.

9 That over the long term, the ability for
10 shareowners in proportion to their ownership rights to
11 inform and participate in these important voting rights
12 leads to the best long-term result for shareowners and
13 holding these shares of companies for the long term.

14 There's some other -- other reasons listed in
15 the -- in the bullet points before you. But in the big
16 picture of things, that's the argument for shareowners
17 being able to exercise their ownership rights in
18 proportion to how much they own of a given company.

19 Now, the case for unequal voting rights in the
20 marketplace, again not how CalPERS is settled, is worth
21 mentioning a bit, especially since really in the tech boom
22 of the last 10 years, there have been more and more
23 technology companies coming to market through IPOs with
24 different voting structures as, well as some
25 non-technology companies as well.

1 And there, the long-term result, the long-term
2 view for shared performance of a company over the long
3 term by advocates of unequal votes, really believe giving
4 some time for management of these companies to be
5 protected from what we used to call quite colloquially
6 corporate raiders, that protecting companies in management
7 from those types of intrusions by activists with very
8 short-term focus is beneficial. And that will lead to a
9 better result in the long term for many companies, if not
10 those that are IPO'd originally.

11 That's really the debate in the marketplace.

12 --o0o--

13 CHIEF INVESTMENT OFFICER ELIOPOULOS: Again, from
14 CalPERS own views, we're settled on this topic. There's
15 no debate in attorney, and we're not proposing, or no one
16 I -- no one is proposing a debate over that from a CalPERS
17 perspective.

18 What we do think is important. So that now
19 moving from the marketplace discussion and debate over
20 dual class versus one share, one vote, now moving into
21 CalPERS Investment Beliefs and some of the -- I won't say
22 some of, the main tension between the question of holding
23 companies that have shares that have disparate voting
24 rights, what are some of the tensions that are brought up
25 by CalPERS Investment Beliefs, first off, and then by our

1 practice of holding a very broadly diversified global
2 equity portfolio?

3 And what this page highlights is that with many
4 things in our Investment Beliefs, I think we've done a
5 good job at the forefront, you know, several years ago
6 thinking through a lot of these topics. And our Beliefs
7 really do inform our discussion around important policy
8 topics for the overall portfolio.

9 And this is another example where it's
10 instructive and quite easy to actually go to our
11 Investment Beliefs and see this -- this topic, and how
12 it's framed in our Investment Beliefs.

13 On the one hand, as we note, Investment Belief 4
14 really underscores our belief in governance as our primary
15 tool to not only align interests, but manage our capital.
16 And in the global equity export folio, our strong belief
17 and engagement leads us to want to have very strong
18 governance rights in order to enhance the effectiveness of
19 our engagement efforts with the public companies that we
20 own.

21 This Investment Belief, along with our Principles
22 that are on the following page, really form the basis for
23 our policy -- our policy belief, and our firm Investment
24 Belief in one share, one vote.

25 Now, on the other side of the ledger, in terms of

1 framing a bit of a -- more than a bit -- framing attention
2 within our Investment Beliefs on this topic is Investment
3 Belief 6 and 7.

4 Investment Belief 6 familiar to the committee,
5 thinking through asset allocation being the dominant
6 determine -- determinant of our risk profile and returns
7 in the portfolio. One of our sub-beliefs that underscores
8 that is that, you know, we aim to diversify our portfolio
9 across distinct risk factors and return drivers.

10 Investment Belief 7 in talking about taking risk
11 only where we have a strong belief that will be rewarded,
12 the sub-belief that's under there really goes to
13 particularly in our global equity portfolio, where we use
14 index tracking, passive index tracking strategies, where
15 we lack conviction or demonstrable evidence that we can
16 add value through active management.

17 Those two beliefs frame this discussion around
18 our support for having very diversified, we say most
19 broadly diversified portfolios possible. And when I turn
20 it over to Dan, he'll talk a bit about our selection in
21 this last ALM process of one of the most broadly
22 diversified global equity benchmarks that can be selected,
23 both from a geography and number of companies standpoint.

24 So as we turn to, you know, the discussion of
25 holding within our CalPERS global equity benchmark, and

1 the largely index-oriented approach to holding our global
2 equity portfolio, for the long term in as broadly
3 diversified manner as possible in furtherance of
4 Investment Belief 6 and 7, and our firm belief on
5 diversification in general, it sweeps into the portfolio
6 many dual class, and now a more recent entry into the --
7 into the public markets, no voting shares into our
8 benchmark for holding.

9 And that has occurred over the course --
10 certainly, over the course of the last 10 years, and then
11 with respect to non-voting shares, a very new entrant into
12 the marketplace, including, I think, the publicity around
13 snap in particular as a example of that.

14 The question of, well, as a long-term owner and a
15 proponent and believer in one share, one vote, how can you
16 own shares of companies that are either restricted voting
17 rights, or non-voting rights? And the answer really is
18 this dynamic of diversification, preference in contrast to
19 our stated governance goals in our principles to have all
20 companies be one share one vote.

21 And as we were discussing as a team on Sunday
22 preparing for this -- this, that is how we view how we'd
23 like the markets -- how it ought to be. And like many of
24 our principles within the governance program, not all
25 companies are either constituted or behaving in the ways

1 that we think ought to be. The market is a messy place.
2 It has lots of different participants and styles, and our
3 governance practices are really all about trying to square
4 our own beliefs and our own views of what ought to be with
5 how the market is actually constructed. And in this case,
6 how our benchmark is actually constructed and the types of
7 companies that we -- that we own.

8 Now, before turning it over to Dan to pick up --
9 and he can pick up our actual exposures with respect to
10 these non-one share, one vote type of voting shares, I
11 will note and foreshadow Anne's batting clean-up on this
12 three-party presentation, that we do see quite a roiling
13 debate by market participants about what is the
14 appropriate -- what is the appropriate treatment for
15 regulators, for stock exchanges, for index providers,
16 given this, you know, more recent development of more and
17 more companies coming to market with restricted or
18 non-voting share rights.

19 We believe there is much -- and we're in the
20 thick of it. I just want you to know CalPERS staff is
21 right in the thick of all those discussions, both
22 regulatory, stock exchange, and index providers. We
23 believe there's much that can happen and likely will
24 happen over the next year to 18 months. And that's why we
25 believe that it's worth taking our time to see how those

1 changes will develop in the marketplace, because it will
2 inform any choices that we make, want to make, or don't
3 want to make with respect to our benchmark selection.

4 With that, there's some next steps at the very
5 end of the presentation, I'll come back, in terms of
6 timing all of this. But I think the main point I wanted
7 to make, as I turn it over to Dan, is we do think there's
8 quite a bit of work to be done over the next year to year
9 and a half with other market participants.

10 And there's some both concerning, as well as
11 favorable compromises that are out in the marketplace that
12 we think are worth waiting for, and engaging in, and see
13 how those resolve themselves before we take any action.

14 So with that, I'll turn it over to Dan to talk
15 about, you know, our holdings in these types of shares.

16 --o0o--

17 MANAGING INVESTMENT DIRECTOR BIENVENUE: Thanks,
18 Ted. So as Ted laid out, we've taken this issue very,
19 very seriously, in working our way through this tension,
20 because we do have these competing desires, right? We
21 unequivocally believe in one share, one vote, but we also
22 believe in diversification. And that's -- that's really
23 where we -- you know, where we have the challenge here.

24 Historically, the CalPERS benchmark has been the
25 FTSE TMI, which stands for Total Market Index. And by

1 total market, again that's to be as broad and inclusive a
2 benchmark as possible, which is our best chance at
3 diversification, our the maximum diversified portfolio.

4 Now, on slide 11 what you can see is that
5 fully -- that that benchmark results in fully 10 percent
6 of the global equity portfolio being invested in
7 securities that have some differential voting structure.
8 And, of course, when you manage \$180 billion portfolio,
9 that 10 percent represents nearly \$20 billion. So it's a
10 material exposure, and that's one of the many reasons why
11 we've taken this -- this tension so seriously.

12 Even in the next area under MLPs, and -- that
13 includes snap, even that portion of the portfolio is over
14 half a percent, or about a billion dollars invested in
15 securities with no voting rights. And again, that's --
16 that's something that gives us pause, but it also is a
17 material component of the portfolio and it does add some
18 diversification.

19 So as we manage to that benchmark, we certainly
20 and are constantly looking to add value in managing
21 against that bench. And so we do indicate for and we
22 receive IPOs, as we manage that most diversified
23 portfolio. We've received -- we've indicated four and
24 received IPOs in companies that are incredibly well
25 governed, like Amazon, but then also others like Google

1 and Facebook and even Snap.

2 Now, this per -- the performance of this
3 activity, this indicating for and participating in IPOs is
4 candidly mixed on a case-by-case basis, but the securities
5 do historically get added to our broad TMI benchmark. And
6 this activity in aggregate has added performance to the
7 portfolio.

8 --o0o--

9 MANAGING INVESTMENT DIRECTOR BIENVENUE: On the
10 topic of performance, that will take us to slide 12, in a
11 recent blog published by MSCI, they calculate the
12 performance of unequal coating shares versus their
13 universe for a 10-year period from 2007 to 2017.

14 And over that time period, for the broad ACWI
15 universe And ACWI is MSCI's most broad universe. For the
16 broad ACWI universe that includes both developed and
17 emerging markets, unequal voting rights have actually
18 outperformed the standard benchmark by two and a half
19 percent per year.

20 So given an approximate 11 percent weighting in
21 their benchmark and the MSCI benchmark, removing them from
22 the benchmark would have actually resulted in
23 underperformance of the benchmark of about 30 basis points
24 per year, which is a -- which is a, you know, material
25 underperformance.

1 The study also found that the unequal voting
2 rights stocks had higher growth and higher profitability,
3 which are good things, but then also candidly higher
4 earnings variability, which is risk, and then lower
5 dividend yields. So it's a -- it's mixed bag on these --
6 on these securities.

7 Stripping out common factors, and by factors, I
8 mean things like country, sector, and then even styles
9 like value, growth, and things like that, MSCI found that
10 actually the majority of the residual effect of this
11 performance is actually stock specific. It's not
12 factor-based exposure.

13 So now the perspective performance for the next
14 10 years may or may not be like the past 10 years. But
15 because of the material size of the exposure, and the
16 historical performance differential, your team here has
17 taken this debate very seriously or taken this tension
18 very seriously. And it's one of the reasons we've been so
19 active and engaged in working through the topic in the
20 marketplace.

21 So I'll use that as a segue to hand the clicker
22 back over to Anne to take us through some of CalPERS
23 involvement in this and go from there.

24 --o0o--

25 INVESTMENT DIRECTOR SIMPSON: Thanks very much,

1 Dan and Ted for setting the scene. Anne Simpson,
2 Sustainable Investments Program.

3 My role in this presentation is really to tell
4 the Board what we've been doing to address this slide
5 towards dual class listings, and also the rather shocking
6 arrival of Snap, which was the first company to list
7 without voting rights. And we make a distinction there,
8 because master limited partnerships actually are not
9 companies. Although, we've had investments, and we've had
10 some vigorous engagement most recently around the Dakota
11 Access Pipeline, in a situation where we didn't have
12 voting rights, and went through bank financing instead.

13 So let me turn to the next slide.

14 --o0o--

15 INVESTMENT DIRECTOR SIMPSON: As Ted said, this
16 is an issue which is very live and controversial in the
17 United States, which is extremely important globally,
18 because the U.S. is still the world's largest capital
19 market, but it's not a topic just confined to the U.S.
20 It's something in Asia that's a topic of discussion,
21 partly because some of the Asian markets are worrying
22 about the fact that they may have been losing out on
23 listings, for example, Alibaba, because the U.S. allows
24 variations on the theme of one share, one vote. And up
25 until now, other markets have had tougher rules, or if

1 they're allowed dual class, it's come along with some very
2 tough, additional shareholder protections.

3 So here just to give a flavor of some of the
4 discussion in the U.S. market, the incoming new Chair of
5 the SEC Jay Clayton has said it's a topic that should be
6 discussed. In other words, he acknowledges this is
7 something of real importance in the market.

8 And also, Commissioner Kara Stein went further to
9 express her view that structures where a minority of
10 insiders lock out the interests and the rights of the
11 majority may also have collateral effects on our capital
12 markets. So I think what she was recognizing is that
13 although this may seem a more attractive and welcoming
14 listing environment, there may be some underlying
15 concerns, knock-on effects that need to be addressed, if
16 governance standards are weakened in the bid to attract
17 listings.

18 --o0o--

19 INVESTMENT DIRECTOR SIMPSON: Let me move to the
20 next slide.

21 So what we've been focusing on is how we can be
22 part of an effort to improve the quality of the capital
23 markets in the U.S. And most important there, I think,
24 has been the Council of Institutional Investors. And they
25 have really led the investor community in raising the

1 issue with regulators, also with the stock exchanges. But
2 also very important last year, they took this to the index
3 providers.

4 And that matters because many investors use these
5 indices in order to make decisions about where to allocate
6 capital. And really a goal for a company, whether they're
7 listed or they're growing, or hoping to move from small to
8 medium to large cap companies is to be included in these
9 indices, because they're -- this improves the liquidity of
10 the stock. It also improves thereby their access to
11 capital.

12 So the -- as more money has gone into index
13 strategies, those who construct the indices and decide,
14 well, what are the criteria, what's the -- what's the
15 price of entry into our index, these have become important
16 and powerful players in the market.

17 So CII engaged, and CalPERS also wrote its own
18 letters to each of the main three index providers. And I
19 think really, as Ted suggested, there is a roiling debate,
20 but there's also been some very, very significant response
21 from the index providers. I think we've been very pleased
22 to see that each of the main index providers has made a
23 response. Now, the responses that they've made are quite
24 different.

25 And we've gone into glorious detail in what

1 they're providing and offering to the users of their
2 products in the appendix. And many thanks to Don Pontes
3 for pulling all of that together, because was a -- it was
4 a fair amount of work.

5 I'm happy to answer questions on the different
6 approach that they're taking, but the summary on this
7 slide really says, okay, for FTSE Russell, their basically
8 saying you have to give a minimum of five percent of your
9 shares, one share, one vote, which effectively excludes a
10 company like Snap.

11 MSCI is saying, okay, well, we're actually going
12 to take the lack of voting rights into account when we're
13 deciding what proportion of the free float, that's the
14 company shares, that are actually going to be tradable in
15 the market.

16 So the effect of their approach is going to be
17 reduce the market waiting of companies with no votes, and
18 importantly for the dual class companies as well. They're
19 also giving a bit of a grace period to let companies sort
20 of settle on this and decide whether to change the
21 current -- the current arrangements.

22 And then finally, S&P have gone further. And
23 they're saying, all future dual class IPOs cannot come
24 into their flagship composite index, the 1500. And also
25 they're giving a grace period for some cleaning up on this

1 in the S&P 500.

2 So although this is quite a complicated set of
3 responses, I think what it's showing is a weight of money
4 coming forward to say, there are rewards for giving one
5 share, one vote. In other words, this is a lot of -- a
6 lot carrots, a lot of access to capital being decked
7 against, you know, one of our principles, which is one
8 share one vote.

9 And obviously, it's very -- it's very early --
10 early days, but it's going to be very interesting to be
11 able to track how this has an impact. I think one -- one
12 effect is that it was predicted with Snap having this
13 audacious new structure, new IPOs might copy what Snap was
14 doing. And we might be then faced with a whole on the one
15 hand we want more IPOs, we want the public markets to
16 thrive, we're delighted to see the uptick in IPOs in the
17 United States, but would it come at the cost of having
18 more companies with a -- and, in fact, what the CII has
19 been able to show, which is, I think, very encouraging, is
20 although we've had this uptick in IPOs, we've held over 80
21 percent companies coming forward with one share, one vote.

22 So I would suggest that maybe these signals, as
23 economists call them, signals in the market, that this
24 matters to investors, and it could actually affect your
25 access to the quality of capital and liquidity. We might

1 Robert Jackson was one of the co-leads of our own
2 sustainable investment research initiatives several years
3 ago. So a great champion of shareowner rights and
4 responsibilities.

5 He has pulled together data showing that there is
6 a beneficial effect, it seems, in the valuation of dual
7 class companies, but it evaporates after time, and that
8 makes some intuitive sense, which is that if you have
9 brilliant founders of companies coming to the market, that
10 brilliance will fade. It's something we can observe over
11 time. It's very hard for brilliance to just say it for
12 people to -- can't be at top form right through their
13 career, it's going to -- you know, and also what the
14 companies needs will change. What you need in a founder
15 will be perhaps different when you're entering into a
16 period of stability and major growth.

17 So it's -- in these data, I think what we can see
18 is that there is value in the dual class structure
19 initially, but it evaporates at around the seven-year
20 period.

21 --o0o--

22 INVESTMENT DIRECTOR SIMPSON: And what that has
23 raised in everyone's mind is the idea that perhaps a
24 sunset provision is something for us to look at.

25 CalPERS currently does not have language on this

1 in our principles. It's something quite new as an idea.
2 And, you know, let's just quote Commissioner Jackson,
3 because he said it so beautifully. He said, perpetual
4 dual calls ownership, forever shares - and I would add
5 into that forever shares with no votes - don't just ask
6 investors to trust a visionary founder, it asks them to
7 trust the founder's kids, and their kids' kids, and their
8 grandkids' kids. So that's really some intergenerational
9 continuity that we may not want.

10 Anyway, we put here sort of three ways that you
11 could introduce a sunset. One is just simply seven years
12 time is up, you know. Another is well -- and it's a
13 little bit like the JOBS Act, which is as you become a
14 certain size, you know, responsibilities increase, and we
15 want more governance best practice built into a bigger
16 company.

17 And, of course, another way of looking at it
18 would be there are certain events. You know, what used to
19 be, I think, the British Companies Act, if you became mad,
20 bad, or dangerous to know. If something happened with the
21 founder, you might revisit the idea that there were no
22 votes or that there were dual class votes.

23 So, as I said, this is something that we're
24 looking at as a participant at the SEC's subcommittee
25 looking at this issue. We've helped develop the language

1 around improving the SEC's disclosure, and drawing market
2 attention to where these variations from one share, one
3 vote exist, so that people don't find them sort of just
4 rather buried in the midst of a long document. They're
5 brought to the fore. That's a good thing.

6 And also, we know that the SEC is considering
7 re-engaging with the stock exchanges to start talking
8 again about how this could or should be reflected in
9 listing standards.

10 And, you know, until the mid-eighties, it was not
11 allowed. You had to have one share, one vote to have that
12 listing on the New York Stock Exchange.

13 So as Ted said, there's an enormous amount of
14 debate. We're very actively involved in it, not just
15 through the Investment Office, but also through the Legal
16 Office. As you all know, we had successful litigation,
17 led by our General Counsel at a company trying to vary
18 voting rights.

19 So I think both on the litigation front, and on
20 our advocacy in the market, we've been in a lot of work,
21 and we are seeing some movement. But it's all -- it's all
22 in flow, as we're speaking. So with that, let me -- let
23 me turn back to Ted to take us through the next steps,
24 where --

25 CHAIRPERSON JONES: Okay. Thank you. We do have

1 several questions on this particular component, but we're
2 going to take a 10-minute break. Let's come back at
3 11:40.

4 CHAIRPERSON JONES: Okay, 13 minutes.

5 INVESTMENT DIRECTOR SIMPSON: Thank you.

6 (Off record: 11:27 a.m.)

7 (Thereupon a recess was taken.)

8 (On record: 11:40 a.m.)

9 CHAIRPERSON JONES: Can we reconvene the
10 Investment Committee Meeting, please.

11 Okay. So we-- we're going to go to the questions
12 on 6a.

13 And we start with Mr. Juarez.

14 ACTING COMMITTEE MEMBER JUAREZ: Thank you,
15 Chair.

16 So I'm -- I've listened to the presentation, and
17 I'm not sure -- and I even see your next steps, but I'm
18 still not sure where our preference lies, because I sense
19 the conflict that exists here, that we have an emerging
20 class of IPOs in companies that are coming forward with
21 these dual share structures. And yet, they also, at least
22 for the short term, appear to provide benefits beyond what
23 the -- what the index or what their total composite of
24 competitors might be.

25 And so I'm just -- I'm still uncertain from your

1 presentation, if, in fact, at some point, we may choose
2 one side versus the other or not.

3 And so again, I'm going to sort of put you to the
4 task of telling me -- telling the Board where do you think
5 we're likely to end up on all of this?

6 CHIEF INVESTMENT OFFICER ELIOPOULOS: You bet.

7 ACTING COMMITTEE MEMBER JUAREZ: So just put it
8 to you. Go ahead.

9 CHIEF INVESTMENT OFFICER ELIOPOULOS: Sure.
10 Yeah, the tough questions. Well, I think, number one, our
11 principles, and our advocacy around one share, one vote
12 we're not advocating, nor would we ever think there would
13 be a change in our approach to that.

14 We do think that there will be some important
15 changes that Anne underscored, either at -- from a
16 regulatory standpoint or from the stock exchanges, and
17 certainly we're already seeing movement from the different
18 types of offerings from index providers, but we're really
19 watching what may or may not happen out of the regulators,
20 and the stock exchanges.

21 So our biggest piece of advice is let's wait to
22 see how that regulatory and exchange environment changes
23 over the next year to 18 months is what we've said, and
24 not force an answer to question -- a question about
25 changing our benchmark methodology until that debate has

1 gone further, because there's enough changes that might be
2 coming, that would inform us, and it would be premature to
3 call this -- call the ultimate question on whether or not
4 our bench -- current benchmark methodology is the right
5 one or not. That's the second piece of our
6 recommendation.

7 And thirdly, in terms of our global equity
8 benchmark, we will review it in two years. That's the
9 mid-year cycle that's referenced. And in our agenda
10 materials, our actual written agenda memorandum, we say
11 that, at that point in time, would be a time we could
12 review in more detail whether or not it makes sense to
13 screen our benchmark - and I'll use my words carefully -
14 screen our benchmark or divest of shares of companies that
15 meet some of these definitions.

16 We don't think that now is the time to take up
17 that question. We are posing for the Committee whether or
18 not that would be reviewed at our mid-year cycle or
19 earlier. And that's a question for the Committee. We --
20 we're not recommend that we take it up earlier. We think
21 it's something that would come naturally at the mid-cycle,
22 and gives us time for this regulatory and stock exchange
23 work to go forward.

24 ACTING COMMITTEE MEMBER JUAREZ: If I might, then
25 I appreciate the answer and I appreciate the timeline. I

1 would just -- since I'm not likely to be here in two
2 years, just to put it on the -- the Board should put it on
3 as a marker that when they come back, that we ask the
4 question. We now have all that information, or presumably
5 would have all the information, we need to make a
6 decision. I would hope that the decision, if the decision
7 is to divest, that it's as difficult as the one that you
8 had last month when it came to gun divestment, and that
9 all the factors are fully taken into account.

10 I mean, you always have to be careful when you
11 make a statement that you don't get hoisted on your own
12 petard. So I would just raise that as an issue. And then
13 in two years, we'll see whether circumstance have changed.
14 And so I would just encourage the Board to stay on that,
15 and in two year's time we'll see whether it's worth taking
16 action against these firms.

17 CHAIRPERSON JONES: Okay. Thank you, Mr. Juarez.

18 ACTING COMMITTEE MEMBER JUAREZ: Thank you.

19 CHAIRPERSON JONES: Ms. Mathur.

20 COMMITTEE MEMBER MATHUR: Thank you.

21 Well, first of all, let me just thank you for
22 putting -- preparing this agenda item with such little
23 time and so thoroughly. I really think this is a
24 significant effort and I really appreciate the
25 responsiveness of the team.

1 Secondly, I am encouraged by some of the
2 developments in the marketplace. I think ideally it would
3 be addressed by the marketplace more broadly, and not be
4 something that CalPERS has to make a decision about one
5 way or the other. So hopefully, things will evolve in
6 such a way that support our one share, one vote view. And
7 I'm prepared to be a bit -- a little bit patient around
8 that. I am con -- and I also appreciate that right now,
9 the way it looks in the -- there's a premium in the early
10 years of these companies, and then that deteriorates and
11 actually performance is -- there's underperformance in the
12 outer years.

13 What I'm -- one thing that I'm concerned about is
14 clearly the trend in dual class shares becoming more --
15 ore common in the marketplace. And, yes, good, that we're
16 sill not -- haven't reached 80 percent. We still have 80
17 percent of shares being issued on a one share, one vote
18 basis.

19 But let's say the market moves to, you know, 30
20 percent of shares being dual class, or 40 percent of 50
21 percent, my -- I would imagine that not all of these
22 companies will be sort of the exceptional technology
23 superstars with the -- you know, that outperform so early.
24 And so the -- sort of this link between performance in the
25 early years and dual class shares, I just -- I can

1 envision that it could be really weakened if this becomes
2 a more popular approach.

3 So, yes, watch and see. And hopefully, the
4 market will develop in such a way that will support our
5 views and we'll come back to it at an appropriate time.
6 Thanks.

7 CHAIRPERSON JONES: Okay. Ms. Yee.

8 COMMITTEE MEMBER YEE: Thank you, Mr. Chairman.

9 I very much appreciate this presentation and
10 really the thoroughness of it as well. I had a couple
11 questions that may be could help us as we think about all
12 of these considerations going forward. And that is you
13 talked about most of these companies being tech companies.
14 And I was wondering if you could give us a break down of
15 the sectors that are represented with respect to the dual
16 vote companies?

17 CHIEF INVESTMENT OFFICER ELIOPOULOS: I'm looking
18 towards our global equity side of the desk.

19 MANAGING INVESTMENT DIRECTOR BIENVENUE: I -- you
20 know, candidly, I don't have an exact break down. I
21 can --

22 COMMITTEE MEMBER YEE: That's okay. It can come
23 back. It can come back.

24 MANAGING INVESTMENT DIRECTOR BIENVENUE: Okay.
25 Yeah, we can come back with that. I can tell you that

1 the -- three of the five largest are tech companies.

2 COMMITTEE MEMBER YEE: Right.

3 MANAGING INVESTMENT DIRECTOR BIENVENUE: So
4 they're Google, Facebook --

5 COMMITTEE MEMBER YEE: Right.

6 MANAGING INVESTMENT DIRECTOR BIENVENUE: -- and
7 then Samsung. And in there, you've also got Berkshire
8 Hathaway and Visa. Those are the five largest. So, I
9 mean, it is definitely tech dominated, and even U.S. tech
10 dominated. But for more details, we'd have to come back.

11 COMMITTEE MEMBER YEE: Okay. Okay. That's
12 great. If you could provide that. And I think with the
13 emphasis on tech companies, certainly I think the ongoing
14 concerns that we have as a state with respect to the
15 impacts of technology and how that will affect the
16 changing nature of work, I just think it's essential that
17 we as investors continue to have a vote, and to be able to
18 influence corporate governance of these companies going
19 forward. And so I just want to put that down as a marker.

20 With respect to the index providers the three
21 that you cited in slide 14, will there be or have you seen
22 any preliminary modeling that looks at what expected
23 returns might be from the various approaches?

24 MANAGING INVESTMENT DIRECTOR BIENVENUE: You
25 know, I can -- I think this may be a question more for

1 Eric, but I'll just, at a high level, when we talk about
2 30 basis points of what has been the last 10 years'
3 experience, the degree of uncertainty around our capital
4 market assumptions are sufficiently broader than that, so
5 it would be hard to come up with a -- with a sort of a
6 differential prospective return expectation, with the only
7 exception being that again knowing what the past is, but
8 then also narrowing the universe. You know, certainly
9 through a quantitative investment management framework,
10 narrowing the universe, you know, can only -- can only
11 result in -- you know, constraints on the optimize --
12 optimizer can only result in a worse outcome.

13 So -- and for an active management standpoint to
14 narrow the universe not only narrows, you know, what's in
15 the benchmark, but then it also narrows the degrees of
16 freedom that our active managers would have.

17 COMMITTEE MEMBER YEE: No, I understand that.

18 INVESTMENT DIRECTOR SIMPSON: Anne Simpson. I'd
19 like to add a point to what Dan said, which is the index
20 providers are creating an incentive for companies to
21 change their voting structure. So if we're left -- if --
22 we're stuck, you know, between a rock and a hard place
23 missing out on the gains, for example, from the technology
24 sector or fantastic performance like Berkshire Hathaway or
25 we don't have one share, one vote and things go wrong in

1 the future, and there's nothing we can do to, you know,
2 protect our interest as a shareowner.

3 By creating this economic incentive, my hope and
4 I think this is -- let's see, I'm an optimist at heart, my
5 hope is that, you know, company executives are largely
6 rational individuals, and they want to the see their
7 companies succeed, and access to capital is part of that
8 success. So to the extent, we can help create that
9 economic incentive, we're putting in place some incentives
10 for companies to actually take the high road for
11 governance, because it's also the high road for their
12 access to capital.

13 So my hope would be, just to add to Dan's point,
14 that we see more companies deciding, wow, yes I do want to
15 be considered to be part of the S&P flagship indices.
16 I've got a five-year grace period, let's see if we can
17 start to unravel some of the dual class structure. So I
18 think that's the one to watch for.

19 COMMITTEE MEMBER YEE: Yeah. Okay.

20 MANAGING INVESTMENT DIRECTOR BIENVENUE:

21 Absolutely. I'd say both access to capital and
22 cost of capital to Anne's point --

23 COMMITTEE MEMBER YEE: Cost, yeah.

24 MANAGING INVESTMENT DIRECTOR BIENVENUE: -- both
25 are critical components for a manager. And our hope would

1 be again, because as Ted said, we are settled, we believe
2 in one share, one vote. Our hope would be to see actually
3 some of this -- some of this, you know, reverse course.

4 COMMITTEE MEMBER YEE: Uh-huh. So how are we
5 currently dealing with dual class shares in our global
6 equity benchmark?

7 MANAGING INVESTMENT DIRECTOR BIENVENUE: They're
8 included in the portfolio. So that's the -- that's the 10
9 percent that I referred to.

10 COMMITTEE MEMBER YEE: Okay. So that's -- which
11 is --

12 MANAGING INVESTMENT DIRECTOR BIENVENUE: That 10
13 percent of the portfolio has some differential voting --
14 differential voting rights.

15 COMMITTEE MEMBER YEE: Okay. I want to just I
16 express agree with Ted in terms of really taking a
17 wait-and-see approach. And I do hope that we have a
18 robust review when we do the ALM mid-cycle. But I do have
19 to say that just looking at our Beliefs and what CalPERS
20 has always stood for, the no vote share model just really
21 is bothersome to me.

22 And I hope that we can have -- and, Mr. Chairman,
23 I'd like to maybe just specifically agendize a discussion
24 about the potential of excluding these companies from the
25 index when we do have our ALM mid-cycle review, because I

1 just don't see how that serves us. And I hope that just
2 by our even taking that discrete matter seriously, that
3 maybe we can send a signal with respect to our valuing the
4 one vote, one share.

5 CHAIRPERSON JONES: I think that's consistent
6 with the request so --

7 COMMITTEE MEMBER YEE: Okay.

8 CHAIRPERSON JONES: -- similar to Mr. Juarez two
9 years from now. Okay.

10 COMMITTEE MEMBER YEE: Thank you.

11 CHAIRPERSON JONES: You're welcome.

12 Ms. Taylor.

13 COMMITTEE MEMBER TAYLOR: Thank you, Mr.
14 Chairman.

15 I just want to thank you, Ted. I know this was
16 short notice. I know I was kind of like we got to have
17 this. And I do appreciate it. It was very thorough.
18 Thank you all very much for a really good report. I just
19 wanted to clarify, you guys were talking about some of the
20 sector that's represented. Google, Facebook, Berkshire
21 Hathaway are some of the stocks that are involved in the
22 dual share, right? But is -- and Snap is the only -- is
23 Snap the only one that has no votes?

24 CHIEF INVESTMENT OFFICER ELIOPOULOS: I think
25 there's a few -- a few others.

1 COMMITTEE MEMBER TAYLOR: There are a few others?

2 MANAGING INVESTMENT DIRECTOR BIENVENUE: So in
3 the past year or so, there have been four IPOs that have
4 no voting structures. Snap is the only one that's
5 actually issued them. So a couple of others came public
6 with no voting structures. But what the actually issued
7 to the market were dual class structures. So they were 10
8 to 1 --

9 COMMITTEE MEMBER TAYLOR: Okay.

10 MANAGING INVESTMENT DIRECTOR BIENVENUE: 10 to 1
11 super majority vote. They're super.

12 COMMITTEE MEMBER TAYLOR: Okay. So they're the
13 only one that actually went to market with no.

14 MANAGING INVESTMENT DIRECTOR BIENVENUE: The only
15 one in the hands of investors currently. Now, as Anne
16 mentioned, there are MLPs, so that's a -- that's a
17 different topic. But from a standpoint of companies that
18 issued stock, the only one so far is Snap.

19 COMMITTEE MEMBER TAYLOR: Okay. So -- and I'm
20 just going to ask this, because I know that this company
21 has had issues, which is -- is Uber a dual share?

22 MANAGING INVESTMENT DIRECTOR BIENVENUE: It's not
23 publicly listed. It's a private company.

24 COMMITTEE MEMBER TAYLOR: It's not publicly
25 listed. Okay. So I just want to make sure that we have

1 an ability to have some, you know, discussion when things
2 go wrong. And it seems like in the short term, they make
3 us a lot of money, and then that's not the case in the
4 long term, and that's when we have issues with these
5 companies.

6 So I just want to make sure that, as Ms. Yee
7 said, that we look at this at our ALM. I'm a little
8 disappointed that we kind of got stuck with it and have to
9 wait this long, but I would like to see, you know, have a
10 discussion about it. And agendizing it makes sense to me
11 as well, so...

12 CHAIRPERSON JONES: Thank you.

13 Mr. Slaton.

14 COMMITTEE MEMBER SLATON: Thank you, Mr. Chair.

15 I wonder if you could comment on in past meetings
16 we've talked about the dynamic of a reduced number of
17 public companies versus companies staying private. It
18 seems to me that no note is just another version of being
19 private, but -- so is this just another item in the list
20 as companies consider it, or how -- how big of an issue is
21 this from the company's side in terms of the shrinking
22 universe of public companies versus one staying private?

23 CHIEF INVESTMENT OFFICER ELIOPOULOS: Well,
24 Anne's -- Anne has seen this discussion up close at the
25 SEC Investor Advisory Commission. It is part of this

1 capital formation question. Are the -- try and say this
2 unbiasedly -- not biased by our one vote, one share, or on
3 the other side at all.

4 Why is it that there are fewer IPOs than
5 previously? And is it -- you know, is it the array of
6 regulations? Is it the growth of capital in the private
7 markets, and the ability to fund, you know, these
8 companies for longer periods of time? There's lots of
9 factors at play. But certainly, the fact that there's a
10 pronounced number of dual class vote shares coming
11 forward, particularly out of the tech sector, you know,
12 leads us to believe that -- you know, it could be argued
13 either way, that it's a nice outlet to have dual class
14 shares to allow some of the technology companies to come
15 forward, or that -- or that, you know, the fracturing of
16 the market is leading many not to even list, but Anne
17 you've had this debate.

18 INVESTMENT DIRECTOR SIMPSON: Yeah. No. Thanks
19 very much, Ted. The SEC's Investor Advisory Committee has
20 been having hearings on a whole string of issues. One of
21 them was on one share, one vote. Another one has been on
22 the incredible shrinking IPO market.

23 And as Ted said, you can't isolate the corporate
24 governance agenda from some other big economic factors.
25 And one of them is what are the public markets being used

1 for?

2 So, you know, up until probably 25 years ago,
3 companies were coming to market to raise money for the
4 business. And now, companies are coming to the market,
5 and often the purpose is to monetize compensation for
6 executives, and to buy out the original or second round of
7 venture capitalists. So you've got that dynamic.

8 Secondly, and this was a theme that came out in
9 the hearings that we had, is that there is not a level
10 playing field in terms of regulation with public and
11 private markets.

12 So the question of, you know, for retail
13 investors, the SEC Chair is very concerned about this.
14 Retail investors can't get access to all the economic
15 potential that's in the private markets. We can be in
16 there through our private equity asset class, but most
17 people in the stock market can't get hold of that. So all
18 that late-stage venture capital growth is happening
19 before, or instead of, an IPO. So some of it I think is
20 economic secular change, and what do companies need money
21 for.

22 Secondly, you've got the fact they can stay
23 private, and have abundant access to capital, if they want
24 to stay away from the market. And then there's a whole
25 series of regulatory changes which have imposed additional

1 costs on companies, and which the SEC is looking at.
2 Because, you know, if red tape is there, it should be
3 there for a reason. And if it is imposing unnecessary
4 costs or barriers to companies, it needs to be removed.

5 However, under the so-called JOBS Act, there was
6 an attempt to remove a lot of reporting and costs, what
7 was perhaps considered a burden at the time, for companies
8 as they came in.

9 And really, there hasn't been -- that doesn't
10 seem to have had a big impact. So that has left people
11 scratching their heads, and say, really, you said the
12 costs and the regulation were the problem. We've now
13 given you a sort of glide path into the market without
14 having do all kinds of Sarbanes-Oxley salary reporting,
15 and that hasn't fixed it.

16 So I think it is part of a bigger discussion, but
17 we're very glad that the SEC is looking at it. And it's
18 going to have a profound impact on many investors. Norges
19 has published a discussion paper on this topic, and saying
20 really, institutional investors, even if they're able to
21 access private markets, need to put their heads together
22 and start thinking about what's going on in the public
23 markets, because this is not just affecting the U.S. It's
24 affecting other markets as well. So there are big
25 economic consequences not having, you know, a healthy flow

1 of IPOs.

2 COMMITTEE MEMBER SLATON: Is that -- is that
3 report generally available?

4 INVESTMENT DIRECTOR SIMPSON: Yes. The SEC
5 website has a sort of webinar section where you can pull
6 up the hearings, and the debate that we had. But the
7 papers that were submitted, some of them were absolutely
8 superb and gave a lot of data, and really, I think have
9 provided a lot of context to us, and I think helped us
10 realize it's not as simple as saying, wow, you come to the
11 market and suddenly the owners want to vote. Best to stay
12 away.

13 You know, we have heard that version of what's
14 going on, that I think what's really helpful about these
15 hearings is they've really just shown that we've got a
16 much more complicated set of issues to deal with. And
17 that's important to know. It's not a -- it's not a simple
18 fix.

19 COMMITTEE MEMBER SLATON: Thank you.

20 MANAGING INVESTMENT DIRECTOR BIENVENUE: And I
21 would only add one thing is -- and it's not only
22 complicated. All of Anne's points obviously are spot on.
23 It's even complicated by the size of the IPOs. And now
24 you're finding that especially the small IPOs, you know,
25 the companies like, you know, Oracle and Apple and

1 Genentech that came public as really, really small
2 companies, and yet, public retail investors had access to
3 them, that, you even, though the Facebooks and the Snaps
4 of the world that come under these, you know, governance
5 structures that -- that we're we not big fans of, even
6 then they wait until they're really big companies before
7 they come. It's a concern.

8 CHAIRPERSON JONES: Okay. Thank you. So no
9 further questions on that item. We move to 6b, Proposed
10 Revisions to Governance and Sustainability Principles.

11 (Thereupon an overhead presentation was
12 presented as follows.)

13 CHIEF INVESTMENT OFFICER ELIOPOULOS: Great.
14 We're moving right along. So Anne, 6b, I'm giving you a
15 cans to shuffle your papers. Really, the point in 6b is
16 we're going to take up some proposed policy word -- new
17 changes to our principles with respect to corporate
18 culture and sexual harassment. And we have some proposed
19 language that we're recommending. Now, this is an
20 information item. If the committee gives us direction of
21 comfort of that language, you'll see it next month and the
22 following month in the form of the Total Fund Policy,
23 which includes these principles where you'd actually take
24 action to accept it.

25 In addition, there's a brief -- there's a

1 discussion of the Treasurer's proposal on diversity that I
2 think last month we didn't get a change to speak to in
3 specificity.

4 So with that, Anne, I think the plan is for you
5 to take it away from here.

6 INVESTMENT DIRECTOR SIMPSON: Thank you very
7 much, Ted. Anne Simpson, Sustainable Investments. As Ted
8 says, we've got two pieces to discuss today that we've put
9 forwards. But I do want to acknowledge that when we
10 restructured the Principles, we put them into five, what
11 we call, core issues: Investor rights, board quality,
12 compensation, reporting, regulatory effectiveness.

13 So we've worked our way down the to-do list that
14 came out of that review, and we've also responded as time
15 has gone by to particular issues that have been raised
16 with us. So I just want to emphasize this is the very --
17 a very good example of a living document, something that
18 we expect to respond to what's going on, but also which
19 responds to things that we learn. We learn from
20 experience. We learn by doing.

21 So we welcome the Board's suggestions and input
22 from stakeholders, and also what comes through our own
23 engagement with companies as well.

24 --o0o--

25 INVESTMENT DIRECTOR SIMPSON: So with that, just

1 as a reminder, this is -- we're not writing a section of
2 the Old Testament. This is something that guides us on a
3 daily basis for company engagement, for regulatory
4 advocacy, for talking to companies and talking to our
5 managers. It's a guide. It doesn't substitute for
6 judgment, because any particular situation you've got to
7 weigh a lot of things out. But really, we -- this is
8 our -- these are our guiding principles, and overseen and
9 belong to the Board -- overseen by and belong to the
10 Board.

11 So thank you. I think on the staff front, we
12 were very glad to have the issue of harassment raised at
13 the last meeting. I think all of us have been watching
14 with horror at the revelations that have been coming out.
15 And also, we can see the impact on the companies that we
16 invest in. I mean, share prices collapsing, and
17 reputations destroyed. So this is something where you --
18 I've got a perfect example of where ethics and money
19 really, really do combine. This is an important issue.

20 We were also very glad that the Council of
21 Institutional Investors, as so often, has been absolutely
22 on this, and produced for members last month a very
23 thoughtful guide. And we've included the whole document
24 in your materials, so you can see the quality of the
25 analysis.

1 So we really felt that we could draw upon not
2 just -- however, it's a short period to look at a big
3 topic, since it was raised at the last Board meeting, but
4 well really felt we had something very thorough that we
5 could -- we could draw from. Now, we didn't just copy and
6 paste from that document. Much as we love CII, we went
7 through the usual process of taking ideas and debate
8 through our Research Working Group, and then circulating
9 to the subcommittee of the Investment Strategy Group, the
10 Governance and Sustainability Subcommittee.

11 So we've had a lot of involvement from all the
12 asset classes, and a lot of helpful input from our Legal
13 Office as well, which we're very grateful for.

14 The upshot is we have two proposals on this
15 topic, and are seeking the Investment Committee's review
16 and improvement in all humility.

17 --o0o--

18 INVESTMENT DIRECTOR SIMPSON: So the first -- the
19 first section that we think could really be improved is
20 our section on board quality, you know, board
21 responsibilities. What do we want to hold boards
22 accountable for doing on our behalf as the owners of the
23 company?

24 And we've drafted some language, which I'll take
25 you through in a moment, but we also think that this issue

1 of harassment, and it could be sexual harassment, it could
2 be on all manner of other possible topic. So we're using
3 sexual harassment as the example, but there are other
4 possible areas. We think it's important that this goes
5 into our section on human capital management. In other
6 words, once a company's policies and practices are being
7 implemented, what should we be looking for on management?

8 --o0o--

9 INVESTMENT DIRECTOR SIMPSON: So I won't read
10 this all out, because you've had chance to look at the
11 language. But I just want to highlight a couple of
12 points, which I think are significant, and I think reflect
13 the way that CalPERS approaches this issue. And we have
14 gone further than the CII on some issues. Rather than
15 just asking a question of a board, we actually want
16 something to be taken up because we think it is going to
17 protect us from the risks of this sort of conduct
18 destroying company reputation, and thereby, among other
19 things, affecting -- affecting our returns.

20 --o0o--

21 INVESTMENT DIRECTOR SIMPSON: So the section that
22 we're suggesting is that we include something called
23 "Corporate Culture". It's funny when something new gets
24 brought to your attention, you look and say, well, how is
25 it we didn't have that before. Well, we didn't.

1 But, of course, we all know that the culture of
2 any organization is what underpins its ability to perform,
3 whether it's in public service, or in the private sector,
4 or making returns. So I think it's a really welcome
5 opportunity to include this -- this new section.

6 And we've highlighted that we want the Board to
7 have an active role in setting a high performance culture.
8 In other words, we're not accepting that this is just
9 something for the chief executive, and the senior
10 executive. Of course, they'll implement, but we want the
11 Board to step up and accept it's a responsibility.

12 And we're giving examples of what it would
13 include. It's not exhaustive, but it's in diversity,
14 inclusion, also innovation, very important, and to ensure
15 the workplace is free from sexual harassment, and very
16 important, other forms of harassment.

17 And we highlight the importance of fostering
18 trust between employees and management and promoting
19 ownership and accountability for an ethical corporation.
20 So that's the overriding vision that we have for corporate
21 culture on this point.

22 Then what we've done is say specifically what
23 would that look like if a company took this up? And we
24 followed what we're finding to be quite a good structure
25 for a whole range of different topics. For example,

1 climate change is the most recent example. What does a --
2 how do we know that a company has actually picked and
3 issue up in the right way.

4 So the first thing makes sense, the Board should
5 develop and disclose its efforts, including policy -- so
6 the mechanisms through-which the board learns about
7 employee complaints, and also how claims are addressed.

8 And the next point is very important. We're
9 saying CalPERS supports voluntary arbitration in company
10 policies. And I think some of you may have seen the
11 financial times, did a very nice survey on the issue of
12 sexual harassment and posing the question, well, why is it
13 so hard to find out what's going on. And their
14 observation is that because many companies have mandatory
15 arbitration, forced arbitration, settlements don't see the
16 light of day now, unless they're required, because they're
17 material to be disclosed under a regulatory provision.

18 And Microsoft was cited as an example of a
19 company, which had gone to a voluntary arbitration. So,
20 of course, we would say, if there's a way to settle
21 through arbitration, both sides accept that that's a good
22 way to go forward, so you're avoiding all the costs, and
23 conflict, and aggravation of a court case, and you can
24 settle, but both sides agree, and that's a good thing.

25 So we're not saying arbitration shouldn't be

1 used. It's just simply it shouldn't be something forced
2 on employees. But I do want to flag that, because it's
3 something we talked quite a lot about, you know, on the
4 research team and the GSS.

5 The second flows, of course, from the opening
6 points in the language is what do we mean by board
7 oversight? So we're giving examples. We're saying we
8 want the Board to have oversight of the policies, the
9 practices, and executive responsibilities. That means
10 actually making sure, I would suggest, that this sort of
11 thing goes into performance plans, and duty statements,
12 and all the different arrangements that ensure that the
13 executives of any organization are, you know, in line with
14 the Board's expectations on ethical behavior.

15 And specifically, we're saying Board oversight
16 should be around, in all its dimensions, implementation of
17 the, you know, effective corporate culture, which above
18 we've explained a little of what we mean by that.

19 And finally, I want to highlight something we've
20 introduced in the disclosure section, because again it's
21 significant. We're saying that companies should ensure
22 that all settlements are reported to the Board. And
23 remember if we don't have mandatory arbitration, and all
24 settlements go to the Board, we think this is necessary
25 for the Board to be able to exercise effective oversight.

1 They don't know what's going on, and they're not
2 getting the flow of information. Very hard for them to do
3 that job well. We do acknowledge that, for example, the
4 SEC and the United States requires disclosure of material
5 settlements of any sort, which would include sexual
6 harassment, but for a settlement to rise to the level of
7 materiality, as understood, as defined by the issuer,
8 could mean that a lot is not being -- being tracked by the
9 board.

10 So what we're saying here is that CalPERS
11 supports the disclosure of settlements, including those on
12 sexual harassment where - and this is important - they
13 involve an executive or a board member. So in other
14 words, it's management's responsibility to deal with
15 settlements throughout the employee structure. We think
16 all of that should go to the board, so the board can
17 oversee and understand patterns, and track properly what's
18 happening.

19 But we think as an owner of the company, if
20 settlements are made, and they involve executives or board
21 members, that's something we would like to know about.

22 So I'd be happy to take any questions on this or
23 move quick quickly onto the next section.

24 CHAIRPERSON JONES: Why don't you complete your
25 presentation first.

1 INVESTMENT DIRECTOR SIMPSON: Just finish this
2 piece, yes.

3 --o0o--

4 INVESTMENT DIRECTOR SIMPSON: So our apologies
5 for -- well, not apologies. It's an important issue and
6 we've put a lot of thought into it, so I hope that's a
7 helpful explanation.

8 The next area, and I think this is where our
9 Board President initially suggested we look for including
10 language. We agree. We think that the section on human
11 capital management practices is absolutely the right place
12 to make specific reference on harassment of any kind,
13 including sexual harassment.

14 So what we're suggesting here is we call this
15 out. I think it's implicit in what we've already got.
16 But, of course, what it also does is tie it into some
17 language further below, which says boards should be
18 accountable to develop and implement policies, procedures,
19 but note also training, and internal reporting structures
20 to ensure they can fulfill.

21 So I think it puts some extra specificity around,
22 okay, well, you can say you're concerned about this, but
23 what would it look like if the company was really
24 introducing a full-blown program. And I think training is
25 obviously a very important part of that, as we know.

1 Thank you.

2 CHAIRPERSON JONES: Okay. Thank you. Thank you
3 for the report.

4 And I just would like to reiterate what Mr.
5 Eliopoulos indicated earlier, that this is an information
6 item, that it will come back next month as a first
7 reading, so you have another bite at the apple. And then
8 the following month, we will be looking at a second
9 reading for a final vote. So there's plenty of time to
10 voice your concerns or opinions. So with that, Mr.
11 Juarez.

12 ACTING COMMITTEE MEMBER JUAREZ: Yeah. Thank
13 you, Chair. I want to just -- and this is really in line
14 with the fact that we'll get another bite at the apple, as
15 you say. For hopefully next month, what I -- what the
16 treasurer is hoping we can have is a robust discussion
17 about his original proposal. We've been the recipients of
18 some -- both the analysis that was done here, as well as
19 some other information regarding that particular proposal
20 and why it may not be as -- as logical and as fitting for
21 the Board to adopt as we might otherwise hope.

22 And so what we're hopping is that when you come
23 back in May, that we can engage you in a robust discussion
24 about some other alternatives that would increase the
25 transparency related to how we deal with companies who are

1 not making significant progress toward diversity on -- on
2 their boards, both in terms of -- in terms of gender as
3 well as ethnicity. And hopefully taking those issues
4 forward, we can come up with a -- what we believe would be
5 a reasonable approach to take, if, in fact, quotas is not
6 the right way to approach it. So I'm hoping that with all
7 that said, that the Treasurer would be indulged to have a
8 more robust conversations at that point.

9 CHAIRPERSON JONES: Yes.

10 ACTING COMMITTEE MEMBER JUAREZ: Thank you very
11 much.

12 CHAIRPERSON JONES: Okay. Mr. Eliopoulos.

13 CHIEF INVESTMENT OFFICER ELIOPOULOS: Sure.
14 Yeah. The -- in all cases, it's always helpful to have
15 any -- you know, any suggestions or ideas ahead of time,
16 in writing --

17 ACTING COMMITTEE MEMBER JUAREZ: We will.

18 CHIEF INVESTMENT OFFICER ELIOPOULOS: -- if
19 possible, because then --

20 ACTING COMMITTEE MEMBER JUAREZ: And on that
21 score, we will provide you something before the next
22 meeting.

23 CHAIRPERSON JONES: Great.

24 INVESTMENT DIRECTOR SIMPSON: Thank you. We
25 did -- thank you very much for the letter in November.

1 It was greatly appreciated, because I think
2 CalPERS, like many other investors is right at that point
3 of saying we have the evidence that diversity really makes
4 a difference on risk management. We've got some very good
5 insight into how it's good for performance in terms of
6 improving returns. So, what on earth is holding back the
7 progress with the companies?

8 And I think the studies that are coming through,
9 one at the end of December that Spencer Stuart provided,
10 give us a clue. One is that companies are not opening up
11 board seats. The retirement ages are going up, and
12 companies are also removing retirement ages. So that puts
13 a focus, we think, probably on the issue of tenure. Now,
14 we did last year introduce the notion of 12 years being --
15 it's not that you have faded from glory, but that your
16 independence might well be in question. So we have got,
17 and Simiso will talk more about this in a moment.

18 We are thinking that we've got to continue the
19 march on majority voting, because if we can't vote against
20 directors, which is the case with many of the companies
21 where they lack -- they have diversity free zones on the
22 Board, but we can't vote on directors to vote them out, or
23 we don't have proxy access, so we can't put alternative
24 candidates forward. We've got both hands tied, maybe one
25 leg too. We can't do much.

1 So we've got to get those governance rights in
2 place before we can then effectively engage. However, and
3 I think we did put a bit of discussion on this in the memo
4 itself to say, CalPERS current definition of diversity is
5 all encompassing, and I think that's absolutely the right
6 way to be.

7 The second thing is we're not limiting the goal.
8 Whether we call it a quota or a target, we're not saying
9 boards should have this percentage of this category of
10 director or that percentage. And I think that what the
11 principle is based on is this idea that we want boards to
12 access all the talent that's represented in society in
13 their workforce, in their markets.

14 And we may well find, if that's the case, that 30
15 percent is not, as you -- as, Mr. Juarez, I think we were
16 saying at the last meeting, this may be a poverty of
17 ambition. And I -- just one data point that I want to
18 share with the Investment Committee is we were really
19 pleased to see in December Spencer Stuart's annual survey
20 of new board appointments. They were tracking the S&P
21 500, which is, of course, the biggest companies. They're
22 the leaders. They're the ones that set the pace.

23 For the first time ever, they were able to report
24 that a majority of new board appointments were women and
25 people of color. And that is, to me, the sign that the

1 investor voice is being heard, but also that companies are
2 getting it on the business case.

3 Now, that is a leading indicator. It's not --
4 it's not getting us to where we want to be. But I think
5 that, you know, with some of the other initiatives, which
6 Simiso mentioned last month, we are in a position to
7 actually build out a really robust plan. And at the
8 moment, we've got, as we highlighted in this agenda item,
9 some very specific things that we're going to be doing.
10 And I think Simiso, if you'd like to run through those
11 three -- those three areas as --

12 ACTING COMMITTEE MEMBER JUAREZ: Yeah, if I
13 could, before Simiso goes. I just would say we're as much
14 interested in the aggregate as you said. And it's good
15 new to hear that, in fact, in general, that the Board
16 assignments are both -- reflect both gender and ethnic
17 diversity. But I do think that we also want to look at
18 progress of individual companies. And that's where I
19 think the Treasurer has held out some concerns in talking
20 to other investors as to whether or not certain companies
21 are even moving the needle at all. And to the extent
22 they're not, should we be taking a specific approach or
23 proxy toward them?

24 INVESTMENT DIRECTOR SIMPSON: Yes, absolutely.

25 ACTING COMMITTEE MEMBER JUAREZ: Anyway, but...

1 INVESTMENT DIRECTOR SIMPSON: Simiso.

2 INVESTMENT DIRECTOR NZIMA: Thank you, Anne.

3 Simiso Nzima, Investment Director, Global Equity.

4 As discussed in the March IC, staff really spent
5 considerable time in terms of trying to determine what
6 action plan to try and progress the issue of corporate
7 board diversity. And as listed in the memo really, we
8 have three -- a three-pronged approach in terms of our
9 trying to affect this.

10 In the first approach really -- is really voting
11 against any combination of board chairs, nominating and
12 governance committee members, as well as long tenured
13 directors. And as Anne correctly pointed out, really the
14 issue of board refreshment and people on staying boards
15 for a long term -- one of those obstacles in terms of
16 trying to improve on board diversity. So we're going to
17 be -- this is something which we are doing in this current
18 proxy season where we actually are voting against these
19 following the engagements that we started in July last
20 year.

21 The second thing that we're going to do, again in
22 terms of the governance framework, and I think this is
23 something which the Board President raised last time
24 around the issue of majority vote. That if you don't have
25 majority vote, do you then have the ability to sort of

1 move directors off the board and create that opportunity
2 for -- for board refreshment that your vote that you're
3 actually casting has teeth.

4 So starting this fall, we are actually going to
5 be writing to companies that lack diversity -- that lack
6 the broad sense of diversity, and that also do not have
7 majority vote asking them to adopt majority vote. Failure
8 to which we actually are going to be filing proposals at
9 those companies. So this is something which really,
10 really matters to us. We want to put some teeth around
11 the issue of voting on this diversity initiative.

12 And the third thing that we're really looking at
13 is around coalition building, and we are really lucky. We
14 have -- you know, we've just done the Climate Action 100,
15 the global coalition, which Anne Simpson here helped, you
16 know, put together that with the team. So we have sort of
17 this in-house expertise in building coalitions and we want
18 to try and sort of use the same model in terms of looking
19 at the issue of Board diversity we'll be working with
20 other, you know, asset owners and asset managers, in terms
21 of trying to see whether we can come up with a market
22 approach, which is a market consensus, in terms of how can
23 we get companies to actually, you know, increase their
24 board diversity, again based on the broader definition of
25 diversity.

1 And, at this point, I'll pause and take any
2 questions.

3 CHAIRPERSON JONES: Okay. We still have some
4 questions.

5 Ms. Mathur.

6 COMMITTEE MEMBER MATHUR: Thank you. Well, first
7 of all, again, I know I raised this last month, and your
8 response has been -- the team's response is exceptional.
9 I'm really pleased with this language. It clearly took a
10 lot of thought and really addresses, I think, the two
11 important dimensions. One is the board's role in
12 establishing a corporate culture that is zero -- has zero
13 tolerance for harassment. And then also sort of on the
14 human capital management practices side, incorporating
15 that more fulsomely. So I'm really pleased with the work,
16 and I just want to say thank you for that.

17 And it's -- it's -- you know, it might seem
18 like -- like to some, like it's an ancillary issue. But
19 in today's world, and, you know, Forbes and others have
20 reported this, 80 percent of a company's assets are
21 intangible. And that largely is brand. Sometimes it's,
22 you know, IP, et cetera -- intellectual property, et
23 cetera.

24 But a lot of -- a significant portion of that is
25 brand. And we have seen companies lose significant value

1 as a result of these -- of crises around sexual
2 harassment. So I think it is essential that this be
3 managed effectively by corporate boards and corporate
4 executives. So this goes a long way to getting us there,
5 and I'm -- to getting us -- to helping us to guide these
6 companies as we can moving forward. So I'm really --
7 really pleased with that.

8 And thank you also, Simiso, for sort of expanding
9 on your approach around diversity, because I do think
10 those two elements of focusing on the majority vote
11 component, which is good for us on a number of issues.
12 It's not just with respect to diversity, but with respect
13 to other issues that we also think are key to corporate
14 value, as well as the collaboration component, which I
15 think only makes us more effective. So appreciate the
16 continued focus on that in the expansion of the work.

17 Thank you.

18 CHAIRPERSON JONES: Ms. Taylor.

19 COMMITTEE MEMBER TAYLOR: Yes. Thank you, Mr.
20 Chair. I, too, want to echo Ms. Mathur and say this -- we
21 asked for this last month -- well, she asked for it last
22 month, and you guys produced an amazing report, and I
23 really appreciate it.

24 I like the language I'm seeing here. I also echo
25 that I'm looking very forward to working with others to

1 implement this. But I just -- I just wanted to say that I
2 think this is an amazing report. I like the language.
3 I'd had one question on one -- where did it go? There it
4 is.

5 So the voluntary arbitration, and then the
6 following language in the following paragraph that talks
7 about CalPERS supports the disclosure of settlements,
8 including those on sexual harassment involving an
9 executive or member of the board to be disclosed. My only
10 concern, I'm glad we're going to voluntary arbitration.
11 But my only concern is, is the disclosure -- if they go to
12 arbitration -- if they decide to go to arbitration, right,
13 can there still be a clause that the person accepts that
14 precludes it from being disclosed?

15 You know what I'm saying? So I -- are we opening
16 a door for the employer to still hurt the harassed person?

17 INVESTMENT DIRECTOR SIMPSON: Do you mean what
18 gets called a gagging clause --

19 COMMITTEE MEMBER TAYLOR: Right, right, right.

20 INVESTMENT DIRECTOR SIMPSON: -- so you end up in
21 violation of some other part of your contract?

22 It's -- I think it's something we'd want to talk
23 to our Legal Office --

24 COMMITTEE MEMBER TAYLOR: Okay.

25 INVESTMENT DIRECTOR SIMPSON: -- colleagues

1 about, because this is all very sensitive about rights
2 under contract, rights to privacy, regulatory requirements
3 on disclosure of material settlements. So we want to make
4 sure we're striking the right balance here.

5 COMMITTEE MEMBER TAYLOR: The material is very --
6 I mean, it's -- material can be very large, right, most of
7 the time. So if it's a million dollars or \$150,000,
8 that's not going to be material enough to disclose.

9 INVESTMENT DIRECTOR SIMPSON: And that's really
10 why we're talking about settlements rather than simply
11 supporting the materiality definition, because what's
12 material to a company would be very different to what's
13 material to an individual.

14 COMMITTEE MEMBER TAYLOR: Right.

15 INVESTMENT DIRECTOR SIMPSON: And also what we
16 want as a very long-term owner is insight into the
17 standard of ethics in a company. And if you find that
18 there is a cluster of perhaps very small settlements
19 around an executive, or attached to a Board member, that
20 poses a real question about that leadership. And then
21 we're in a position having got majority voting introduced
22 everywhere that we need it to hold that board accountable.

23 So I think we come across this definition of
24 materiality and other settings as well like climate
25 change.

1 COMMITTEE MEMBER TAYLOR: Right.

2 INVESTMENT DIRECTOR SIMPSON: We've really, with
3 the regulators and other, wanted to hold the line and say
4 it's in the eye of the beholder. Materiality is like
5 beauty, what's material to CalPERS over generations, over
6 our portfolio may look different to what is considered
7 material by a company. And at the moment, it's in their
8 gift to define it, but, you know, there is a high court,
9 Supreme Court case in the U.S. which defended the idea
10 that the investor decides what's material. And I think
11 that's something we really need to hold on to, not just
12 for this type of issue around human capital management,
13 but as I said, we run into the same thing with issues like
14 climate change.

15 COMMITTEE MEMBER TAYLOR: Thank you, Anne. And I
16 also really wanted to tell you that I like the -- I really
17 like the language about the promoting diversity,
18 inclusion, innovation, fostering trust between employees,
19 management, promoting ownership and accountability for an
20 ethical corporation, because as I think about these
21 corporations such as Wynn that lost so much money or the
22 Weinstein Company, there are -- there would have to have
23 been, I would assume, some sort of culture around this. I
24 believe that's still going on in, I'm just going to not
25 say the corporation right now, but -- and another

1 corporation, that has the same kind of culture.

2 And I think that if we -- if we have this
3 language, and we're promoting this, and we are using our
4 proxy voting in our engagement, that we can maybe help
5 bring -- bring to light this corporate culture that allows
6 this kind of harassment or lack of diversity or wherever
7 we're engaging at that point.

8 So thank you.

9 CHAIRPERSON JONES: Ms. Yee.

10 COMMITTEE MEMBER YEE: Thank you, Mr. Chairman.
11 Very appreciative of the work here. I did have something
12 I wanted to put out for consideration when this comes
13 back. On page 15 of attachment 3 where the new language
14 is added regarding corporate culture, is there a way to
15 tie the disclosure section of this language to page 26
16 relative to the clawback policy to ensure that the
17 settlement affects executive compensation?

18 INVESTMENT DIRECTOR SIMPSON: Thank you for
19 making that point. I think we should come back to you
20 with some language.

21 COMMITTEE MEMBER YEE: Yeah. Okay.

22 INVESTMENT DIRECTOR SIMPSON: It just seems to me
23 to be absolutely the right connection --

24 COMMITTEE MEMBER YEE: Right.

25 INVESTMENT DIRECTOR SIMPSON: -- especially now

1 that we've expanded the clawback language --

2 COMMITTEE MEMBER YEE: Right.

3 INVESTMENT DIRECTOR SIMPSON: And thank you.

4 COMMITTEE MEMBER YEE: And thank you for
5 responding to our letter. Yes.

6 INVESTMENT DIRECTOR SIMPSON: -- to understand
7 that earning that bonus is contingent on not doing harm,
8 not doing damage. And, however, you may have hit those
9 numbers financially, this is an aspect of potential damage
10 to the company --

11 COMMITTEE MEMBER YEE: Right.

12 INVESTMENT DIRECTOR SIMPSON: -- because you've
13 not been respectful with your -- with your employees.
14 That seems to me absolutely the right point, so --

15 COMMITTEE MEMBER YEE: Great. Thank you.

16 INVESTMENT DIRECTOR SIMPSON: We can follow up
17 with that

18 CHAIRPERSON JONES: Okay. Mr. Slaton.

19 COMMITTEE MEMBER SLATON: Thank you, Mr. Chair.

20 So since Controller Yee raised the issue of
21 clawbacks, so that gets into the area of compensation.
22 And I -- last month, we had an information item on this,
23 and it was on the say-on-pay part, and the -- again, this
24 is for next month. I'm suggesting this would be I think a
25 top -- hopefully, a topic of conversation that the Glass

1 Lewis grading system that we've decided that D and F we
2 vote against. If it's A, B or C, C under certain
3 conditions we might vote against.

4 But, you know -- my kids are now grown. I do
5 recall that when they brought home their grades, if they
6 had an A or B, life was pretty good. If they had a C, it
7 was time for intervention. So I'd like us to consider
8 maybe some further word direction in this category on if
9 they're rated C should that be a no vote.

10 So again, another topic to add to the
11 conversation next month.

12 CHIEF INVESTMENT OFFICER ELIOPOULOS: I'm -- I
13 guess we'll request investment, you know, direction. I
14 think one of the -- one of the disciplines we tried to put
15 in place, and this isn't directed to this question in
16 particular, is that we tried to get all of the possible
17 topics to take up so that we could have a discussion in
18 March. We've added two discussions, one on diversity, one
19 on corporate culture for this month, really heading in to
20 try to get the precise language ready for the Total Fund
21 Policy to be debated and discussed.

22 So the number and different types of topics that
23 are being -- now being teed up for discussion in May and
24 June is just going to prolong -- it's messier than what we
25 collectively as a board and staff had set out at the

1 onset.

2 COMMITTEE MEMBER SLATON: Yeah.

3 CHIEF INVESTMENT OFFICER ELIOPOULOS: But the --
4 you know, the important thing is to try and get these
5 topics, you know, discussed and resolved. I think on this
6 one, just in one final piece, we have not included this
7 notion of, you know, inserting, you know, a third party
8 like Glass Lewis's ratings into our principles. That's
9 just one piece of information that our professional staff
10 uses to vote our proxies.

11 COMMITTEE MEMBER SLATON: Right. And I'm not
12 suggesting that the wording go into the policy. I think
13 that's much too lower detail level, but I do think that we
14 should have a conversation about how comfortable we are
15 with the -- under this policy, what you're then
16 implementing when it comes to that particular area of
17 decision and whether, in fact, we want to consider some
18 more direction, but not as a modification to the policy.

19 CHIEF INVESTMENT OFFICER ELIOPOULOS: Okay.

20 CHAIRPERSON JONES: Okay. Yeah, I think that's
21 important, because as Anne and Ted will tell you that when
22 this document was developed, it was out of the outgrowth
23 of every month wanting to make changes to it. And so we
24 had to say let's step back. And we set up a subcommittee
25 and of the Committee to go and spend five to six months to

1 come to this place. And so what we don't want to do is go
2 back into this every month changing the documents, so --

3 COMMITTEE MEMBER SLATON: Exactly. No, I go tit.

4 CHAIRPERSON JONES: -- but certainly it's for
5 discussion purposes, but not necessarily every month
6 changing the document. So we need more time to let that
7 play out. So, okay.

8 Mr. Costigan.

9 VICE CHAIRPERSON COSTIGAN: Thank you, Mr.
10 Chairman. I appreciate all the work you all did bringing
11 back with Committee direction the language. I just have a
12 couple concerns, and little bit along the lines of what
13 one of my fellow Board members said.

14 Settlements by their very nature admit no
15 wrongdoing by either party. I mean, I've heard thrown
16 around protect this person, protect that person. The
17 issue is typically settlements. There is no admission of
18 liability on either side. It is oftentimes, and you see
19 this in greenmail litigation, A -- certain types of ADA
20 lawsuits that you enter settlement. You could either fix
21 the problem or you pay a cash settlement.

22 So I'm a little concerned when we talk about
23 wordsmithing, that, first of all, any settlement implies
24 wrongdoing. Which then leads back to the question, if, in
25 fact, the settlement is the result of wrongdoing and we

1 are using language that says work-free -- workplace free
2 of sexual harassment, how do you allow a settlement to
3 occur if the underlying issue that's reported to the Board
4 derives from sexual harassment?

5 I just want to make sure, because we're
6 wordsmithing here. The language we're using is,
7 "Respectful treatment of employees; efforts to promote
8 diversity, inclusion, and innovation; providing a
9 work-free -- a workplace free of sexual harassment". So
10 we set that as the standard, it must be free of sexual
11 harassment.

12 Then we say, "including those involving require
13 disclosure of material settlements" -- we still have to
14 define -- I think the issue is what's the word "material"?
15 Is it a dollar, is it a million? So where are the
16 definitions for this? And I look back at the CII
17 materials.

18 And then it says, "...including those involving
19 sexual harassment. CalPERS supports settlements including
20 sexual harassment involving -- disclosure involving and
21 executive or remember the Board".

22 So the resumption is -- I'm just to reconcile,
23 because we're supposed to have a zero tolerance policy --
24 is if, in fact, you have a settlement related to sexual
25 harassment that didn't disclose to the board, is that

1 employee is presumed to be still a member of the board or
2 working there?

3 So it's either zero tolerance for sexual
4 harassment, settlement for sexual harassment, or we've
5 just had a settlement. So I'm just trying to get to what
6 the end -- end game is.

7 INVESTMENT DIRECTOR SIMPSON: Yeah. No, thank
8 you -- thank you for the question. The model -- the
9 governance model that this reflects is that the board
10 oversees management, and then management has
11 responsibility for implementing the policy.

12 So would say the chief executive, for example,
13 has the responsibility for her or his executives to
14 roll-out the zero tolerance policy. And the way that the
15 board checks if the chief executive is doing her job
16 properly, or his job properly, is by having a flow of
17 information. And then the board says our policy is zero
18 tolerance, and has the flow of information to say this
19 chief executive is not implementing our policy. So
20 that's -- that's the flow of information.

21 The second question that you raise about the
22 definition of materiality, that here is in the context of
23 the regulators. So how it's approached in the United
24 States, defined by the SEC the materiality under, for
25 example, U.S. GAAP set by FASB is somewhat different to

1 how it's set under IFRS, which is the International
2 Accounting Standards Board, where -- you know, the
3 regulatory bodies in other markets.

4 So we did originally have some language that we
5 thought about referencing the SEC in particular. And then
6 thought, well, that's not going to work for a global
7 portfolio. So we substituted financial reporting standard
8 setters generally, because in a few places they don't,
9 require disclosure of material settlements, and that would
10 capture -- but the materiality definition will be market
11 specific.

12 VICE CHAIRPERSON COSTIGAN: So I -- sorry.

13 INVESTMENT DIRECTOR SIMPSON: Then we are
14 proposing -- and it's a very helpful discussion. We are
15 proposing that due to the significance of their impact on
16 the company's leaders, if an executive, or a Board member,
17 goes into a settlement, that that is a piece of
18 information that should be disclosed to shareholders, but
19 it's something that could not be enforced. It's not --

20 VICE CHAIRPERSON COSTIGAN: I just want to make
21 sure I understand --

22 INVESTMENT DIRECTOR SIMPSON: A regulator
23 couldn't enforce that.

24 VICE CHAIRPERSON COSTIGAN: -- what CalPERS
25 policy is --

1 INVESTMENT DIRECTOR SIMPSON: We're requesting
2 that information.

3 VICE CHAIRPERSON COSTIGAN: -- is that the CEO --
4 so underneath the CEO if you have a zero tolerance
5 policy --

6 INVESTMENT DIRECTOR SIMPSON: Yeah.

7 VICE CHAIRPERSON COSTIGAN: -- and short of zero
8 tolerance that a harasser is allowed to continue to work
9 after a settlement agreement, that's to be reported to the
10 CEO who then reports that to the Board.

11 INVESTMENT DIRECTOR SIMPSON: Um-hmm.

12 VICE CHAIRPERSON COSTIGAN: And if the CEO
13 continues to allow that employee who has entered into a
14 settlement agreement -- and I'm just saying, admitting to
15 the sexual harassment.

16 INVESTMENT DIRECTOR SIMPSON: Um-hmm.

17 VICE CHAIRPERSON COSTIGAN: We're not even just
18 talking about a standard settlement agreement -- it would
19 be our position that that CEO should be terminated as a
20 zero tolerance policy?

21 INVESTMENT DIRECTOR SIMPSON: We're not -- we're
22 not reaching in over the board into the management
23 responsibility. We want the board to oversee management,
24 and for the board to have a flow of information that's
25 going to enable them to hold management accountable.

1 That's --

2 VICE CHAIRPERSON COSTIGAN: But under that
3 scenario -- I'm sorry.

4 INVESTMENT DIRECTOR SIMPSON: -- the logic. If
5 it can be improved, we'd be -- we'd be glad to improve
6 it --

7 VICE CHAIRPERSON COSTIGAN: Well, under that
8 scenario --

9 INVESTMENT DIRECTOR SIMPSON: -- if you think
10 it's flawed.

11 VICE CHAIRPERSON COSTIGAN: -- that's not
12 providing a workplace free of sexual harassment.

13 INVESTMENT DIRECTOR SIMPSON: But the workplace
14 free of sexual harassment is going to be achieved by the
15 executives and the board's role, and we hold the board
16 accountable. The board is there to make sure -- and they
17 can't do that unless they have a flow of information. And
18 at the moment, I think it's quite unusual for boards to
19 get that level of detail about what's going on with sexual
20 harassment.

21 VICE CHAIRPERSON COSTIGAN: And I'm sure, as you
22 understand, I know this issue on the State side inside and
23 out. I mean, as the board I sit on, we deal with sexual
24 harassment all the time. I know what the State policy is.
25 In fact, as you will probably have recently read in the

1 paper, the Governor has convened a task force, because
2 we've had an issue relating to how sexual harassment cases
3 and settlements were handled, who was actually
4 responsible.

5 I mean, when you talk about the fact that the
6 State was settling cases, and whether and Agency
7 Secretary, Department Director, CalHR, SPB were signing
8 off on this is we're not a party. I mean, this is part of
9 it is we are not a party, to the underlying litigation or
10 the underlying complaint.

11 INVESTMENT DIRECTOR SIMPSON: Um-hmm.

12 VICE CHAIRPERSON COSTIGAN: And so I am saying,
13 first of all, I believe it's a zero tolerance policy,
14 right? And if you're settling a case that actually has
15 underlying facts related to sexual harassment, what I'm
16 more wanting to know is what happened to the employee that
17 did it? Are they still employed? How did they correct
18 the actions?

19 This doesn't necessarily change the behavior.
20 This just means - and I'm not picking on you Ted. But Ted
21 did something wrong. He works for -- he works for a
22 private company. He still stays in and we paid out a
23 million dollar settlement and that's reported.

24 What I don't see in this policy is what's the --
25 that's why I just asked the pointed question about holding

1 the CEO accountable.

2 INVESTMENT DIRECTOR SIMPSON: Right. Yep.

3 VICE CHAIRPERSON COSTIGAN: If the policy is it's
4 a work-free place environment, I'm not as concerned about
5 the settlement as I am about getting rid of the bad
6 person.

7 INVESTMENT DIRECTOR SIMPSON: Right.

8 VICE CHAIRPERSON COSTIGAN: And I don't want us
9 to create a clutch that I've just reported -- created a
10 new report. The Weinstein is a prime example.

11 INVESTMENT DIRECTOR SIMPSON: Yep.

12 VICE CHAIRPERSON COSTIGAN: The argument could
13 have been we could have reported every settlement. He
14 could have still been there.

15 INVESTMENT DIRECTOR SIMPSON: Yeah.

16 VICE CHAIRPERSON COSTIGAN: How does that
17 accomplish the policy goal of creating a work-free --
18 workplace free environment even if they just report it
19 all, or the Wynn matter. I understand the exact same
20 thing. Again, the difficulty I have on this, and this is
21 just a little bit of the lawyer in me is I don't like Mr.
22 Wynn. I read the same articles. The question is we
23 haven't had a trier of fact or an arbitrator make a
24 determination that anything happened.

25 You had an allegation and you had a payment.

1 That's really -- I know it's the emotions around it. And
2 those are sometimes difficult to peel back, should that
3 have been reported. But then the question really becomes,
4 just to carry it out is, I now as a board member have
5 knowledge, because of the settlement --

6 INVESTMENT DIRECTOR SIMPSON: Um-hmm.

7 VICE CHAIRPERSON COSTIGAN: -- that Ted has
8 engaged in -- sorry, Ted. Just pointing at you.

9 INVESTMENT DIRECTOR SIMPSON: Someone.

10 VICE CHAIRPERSON COSTIGAN: -- someone --

11 COMMITTEE MEMBER MATHUR: Maybe we should use
12 somebody else.

13 VICE CHAIRPERSON COSTIGAN: Someone over there --

14 CHIEF INVESTMENT OFFICER ELIOPOULOS: Please like
15 use a different example.

16 (Laughter.)

17 VICE CHAIRPERSON COSTIGAN: -- someone over there
18 engaged in sexual harassment. So now what happens to me
19 as the Board member, because now I have knowledge, because
20 I've signed off. You've reported it to me.

21 INVESTMENT DIRECTOR SIMPSON: Um-hmm.

22 VICE CHAIRPERSON COSTIGAN: So what's my duty?
23 That's -- that's all I'm trying to get at is you're
24 imputing in me that I now knew what the settlement was, I
25 knew what the terms of the settlement was, I knew what the

1 allegations were, but I've never been the trier of fact.
2 I've actually never heard the case, never heard the
3 matter. What I'm asking to be done is approve matter X --

4 INVESTMENT DIRECTOR SIMPSON: Um-hmm.

5 VICE CHAIRPERSON COSTIGAN: -- based upon two
6 parties, who were represented who came forth with an
7 agreement, or am I missing something in -- I understand
8 the policy goal we're trying to get at --

9 INVESTMENT DIRECTOR SIMPSON: Um-hmm.

10 VICE CHAIRPERSON COSTIGAN: -- which is get rid
11 of the harassers, clean up the culture.

12 INVESTMENT DIRECTOR SIMPSON: Right.

13 VICE CHAIRPERSON COSTIGAN: I'm not sure this
14 actually accomplishes that goal. More transparency, more
15 disclosure is important, but I am concerned about you're
16 asking me as a Board member -- now I'm imputed knowledge,
17 because every settlement that comes in front of me, now
18 begs the question, even if the parties agreed not to
19 disclose what the underlying facts were --

20 INVESTMENT DIRECTOR SIMPSON: Um-hmm.

21 VICE CHAIRPERSON COSTIGAN: -- is that correct?

22 INVESTMENT DIRECTOR SIMPSON: So the place -- and
23 thank you, because these are really important points. And
24 I couldn't agree more to President's comment that this has
25 such wide -- wide effects on a company's ability to

1 recruit, to retain, to motivate employees. The place
2 where I think the issue you're raising, Mr. Costigan, is
3 referenced - and maybe we can improve on it, and very open
4 to your thoughts - where we say one policy and we come to
5 line four, the sentence which goes, "...and the mechanisms
6 through which the board learns about employee
7 complaints...", so to your point, this is the flow of
8 information.

9 And then the second part says, "...and how the
10 claims are addressed". Now, we could -- we could put
11 something more explicit there, for example, "and
12 consequences". In other words, so the board knows if
13 somebody's been disciplined, if they've been sent to
14 training, whether they're --

15 CHAIRPERSON JONES: Ms. Simpson.

16 INVESTMENT DIRECTOR SIMPSON: Yes.

17 CHAIRPERSON JONES: I'm going to ask that you've
18 heard the concerns, and when you go back -- because we've
19 got two more bites at the apple.

20 INVESTMENT DIRECTOR SIMPSON: I'm sorry, yes, we
21 have.

22 CHAIRPERSON JONES: And I just don't think we
23 would wordsmith here at the meeting. So you've heard his
24 concerns, and take them back, and come back to your views
25 on response to his concerns, and we'll deal with it next

1 month, okay?

2 INVESTMENT DIRECTOR SIMPSON: Okay.

3 CHAIRPERSON JONES: Thank you.

4 Ms. Yee.

5 COMMITTEE MEMBER YEE: Thank you. Just a quick
6 comment. Mr. Slaton brought up the issue of executive
7 compensation, and not with respect to this policy. But I
8 was ready to raise it for the next item, and if we could
9 have a little bit more time to just talk it -- talk
10 through how we might want to proceed on the executive
11 compensation issue in the next item rather than here, I'd
12 appreciate it.

13 CHAIRPERSON JONES: Okay. I'm sorry, I missed
14 the first part of your comment.

15 COMMITTEE MEMBER YEE: No, no. I'll raise it on
16 the next item.

17 CHAIRPERSON JONES: Okay. Well, I'll talk to you
18 about it.

19 COMMITTEE MEMBER YEE: That's okay.

20 CHAIRPERSON JONES: Okay.

21 COMMITTEE MEMBER YEE: I just didn't want the
22 truncated conversation about executive compensation that
23 Mr. Slaton --

24 CHAIRPERSON JONES: Oh, I see.

25 COMMITTEE MEMBER YEE: -- brought up to be

1 concluded with just his comments. That I was going to
2 raise it additionally for the next item as well.

3 CHAIRPERSON JONES: Okay. Okay. So this Item
4 6b, I understand Mr. Steve Silberstein, you had signed up
5 6c, but I understand you wanted to talk on 6b, is that
6 correct, Mr. Silberstein?

7 MR. SILBERSTEIN: 6c.

8 CHAIRPERSON JONES: Oh, it is. Okay. Someone
9 told me -- okay. All right.

10 Okay. Okay. Then so that concludes the
11 discussion there. Then we will move to have to Item 6c,
12 Corporate Governance Update.

13 CHIEF INVESTMENT OFFICER ELIOPOULOS: This we'll
14 be with turning over to Simiso. And I think Simiso is
15 here.

16 INVESTMENT DIRECTOR NZIMA: Thank you, Ted.
17 Simiso Nzima, Investment Director, Global Equities.

18 Really, this agenda item provides additional
19 details around our shareowner campaigns. At the March IC
20 we talked about some of the shareowner campaigns around
21 proxy access, majority vote, and climate risk reporting.

22 What we're providing under this agenda item
23 really is to show the actions that we are undertaking to
24 support those shareowner campaigns associated really with
25 proxy solicitation, which is the teeth really, you know,

1 falling back on these other issues that we're trying to
2 address.

3 And as a reminder to the Board really, we run
4 proxy solicitations for proposals that are filed either by
5 ourselves or that are filed by others, but on issues that
6 CalPERS care about, issues that are a priority to us, for
7 example, board diversity and so forth.

8 And what we have here, we've actually listed a
9 total of 55 solicitations, really compared to 33 last
10 year. This is in the -- in the agenda memo that you have.
11 And the numbers, while they are set, you know, at 55 right
12 now. That number really is going to change, because as
13 companies settle, that number could actually come down.

14 But on the other hand, we still return the
15 flexibility to run additional solicitations, which are not
16 listed here. So one example, as I was talking about this,
17 last week we filed to run a solicitation at a company
18 around the issue of Board diversity. So this was a
19 company which we had engaged. They didn't respond to our
20 engagement on the issue of board diversity. And a
21 different entity filed a proposal on the issue of board
22 diversity policy. And we're running that solicitation for
23 them.

24 So -- again, so these numbers are not set in
25 stone. They are going to change, you know, potentially

1 increase again depending on the issues and proposals that
2 are out there.

3 Just the highlight on page two of three, just to
4 show that for majority vote in a proposal, even though
5 right now we're showing a number of 24 proxy
6 solicitations, that number is likely to go down. For
7 example, last year, we ended up not running any proxy
8 solicitations around the issue of majority vote, because
9 the companies that were targeted settled with us, and then
10 we didn't have to run any solicitations.

11 And on proxy access, that's part of the work that
12 we are doing helping out the New York City funds in the
13 board accountability project. We've done this for a
14 number of years, where we have -- they have created -- or
15 targeted a number of companies on proxy access, companies
16 that are selected based on board diversity, climate risk,
17 executive compensation, and other governance provisions,
18 and we have run solicitations on those. And so we expect
19 to be running about 16 this year.

20 And then on climate risk reporting, right now, we
21 expect to be running about 14. Last year, we ran 14 proxy
22 solicitations, and thus sort of the same number, unless if
23 some of those actually withdraw. That really concludes
24 this agenda item, and we'll take any questions.

25 CHAIRPERSON JONES: Okay. Ms. Taylor.

1 COMMITTEE MEMBER TAYLOR: Yes. Thank you, Mr.
2 Chair.

3 I just had a quick question. So on the 14
4 climate risk, is that who you -- I may have lost place
5 while you were talking. Is that you who were talking
6 about that you were engaging with the New York funds? Was
7 that the part of it or was it above that, the one above
8 it?

9 INVESTMENT DIRECTOR NZIMA: No, the proxy access
10 are the one that we're actually working with New York City
11 funds. We've done this, you know, historically.

12 COMMITTEE MEMBER TAYLOR: Okay. The first one,
13 proxy access.

14 INVESTMENT DIRECTOR NZIMA: The first one yes.

15 COMMITTEE MEMBER TAYLOR: Okay.

16 INVESTMENT DIRECTOR NZIMA: Yes, the climate risk
17 is different filers. Just like we did last year, we just
18 helped in terms of running solicitations on two degree
19 scenarios climate risk reporting proposal. So it's
20 specific to two degree scenarios.

21 COMMITTEE MEMBER TAYLOR: Are we engaging with
22 PERS -- STRS, I'll sorry, as well on this?

23 INVESTMENT DIRECTOR NZIMA: Not on -- not
24 specifically on climate risk, but we -- we talked CalSTRS
25 in terms of some of the activities that they're -- they're

1 doing. Especially, we've worked together on board
2 diversity just to find out what they are doing in that
3 space. And that's something which we're looking at if
4 they are -- if they file, and if they are -- you know, on
5 diversity policy, that's something we'll work with them in
6 terms of, you know, running solicitations on that issue.

7 COMMITTEE MEMBER TAYLOR: So finding out and
8 working with sound like two different things, so I'm a
9 little confused. Are you saying that we actually do work
10 with STRS on a number of issues?

11 INVESTMENT DIRECTOR NZIMA: We have. So, for
12 example, we work with them on the California -- the board
13 diversity project involving California companies. This is
14 something we've worked with them, I think, starting in
15 2014 or 2015, where we've engaged collaboratively
16 California companies that lack gender diversity. That was
17 really specific to gender diversity.

18 COMMITTEE MEMBER TAYLOR: Okay. So -- but we
19 don't -- so on gender diversity, board diversity, we are
20 engaging with STRS. On climate, it's the New York fund.
21 Have we thought about bringing a bunch of the funds
22 together on a lot of these proxy issues, climate,
23 diversity. Any other -- anything -- because these are
24 pretty big issues, right? I would think that having a
25 couple of trillion dollars worth of money would make a big

1 difference. And I was just wondering if we were working
2 in that -- going that direction.

3 INVESTMENT DIRECTOR NZIMA: That is something --
4 thank you for that. That actually is something that we're
5 looking at. When we spoke about the diversity initiative
6 and building coalitions, and talking about really modeling
7 some of the coalitions on Climate Action 100, which we are
8 working with, you know, a larger group of investors,
9 that's something which we're looking at.

10 And with specific to the climate risk reporting
11 proposal, we have weekly calls which are organized by
12 Ceres under the Carbon Asset Risk Campaign. So we're
13 actually participants on a weekly basis on those calls.
14 And this is where we've actually met that indication that
15 we'll support and run proxy solicitations really best on,
16 you know, every participant on those Ceres organized
17 calls.

18 COMMITTEE MEMBER TAYLOR: Okay. Great. And then
19 I just -- one other question. These proxy -- are these
20 letters the 16, 14, 24, or are they engagements? I'm a
21 little -- I don't know if I got it was both or if it was
22 one or the other.

23 INVESTMENT DIRECTOR NZIMA: So the proxy
24 solicitation -- so just -- I'll just to sort of maybe
25 explain what the process is. So with proxy solicitations,

1 what we do, we file a shareowner letter with the SEC
2 really saying now we're going to be talking to shareowners
3 and asking them to vote for a particular proposal. So we
4 file that letter, then we engage the proxy solicitor who
5 then sends out letters to shareholders. Typically, we go
6 as deep as anyone holding 20,000 shares of any particular
7 company. That allows us to cover about 90 percent of the
8 share holding of a company.

9 So we send letters through a proxy solicitor
10 explaining why we think the particular issue -- why they
11 should vote in a certain on a way particular issue. And
12 we then also try and talk to some of the larger
13 shareholders in terms of those companies who are running
14 solicitations.

15 So really, it's both letter writing, in terms of
16 trying to reach as many of the shareholders as possible,
17 but also there's an element of engagement, because we
18 couldn't get with the company, and explaining also why
19 that -- you know, we think that's the right thing to do.

20 COMMITTEE MEMBER TAYLOR: And that's with the
21 larger shareholders?

22 INVESTMENT DIRECTOR NZIMA: We engage with the
23 large shareholders, yes.

24 COMMITTEE MEMBER TAYLOR: Okay. Okay. Great.
25 Thank you. You answered a bunch of my questions.

1 Thank you.

2 CHAIRPERSON JONES: Ms. Yee.

3 COMMITTEE MEMBER YEE: Thank you, Mr. Chairman.
4 A few questions here. So the principles or the policy
5 that we just discussed the sexual harassment policy
6 disclosure principle, are those all going to be part of
7 what we factor in in terms of the activity going forward,
8 or is it too soon to kind of make those a part of the
9 consideration? So the revised principles in terms of how
10 they'll factor into the shareholder solicitation?

11 CHIEF INVESTMENT OFFICER ELIOPOULOS: Yeah. I
12 think it's -- since the policy hasn't been adopted yet --

13 COMMITTEE MEMBER YEE: Yeah. Okay.

14 CHIEF INVESTMENT OFFICER ELIOPOULOS: -- and we
15 still have some, you know, wordsmithing to go --

16 COMMITTEE MEMBER YEE: All right.

17 CHIEF INVESTMENT OFFICER ELIOPOULOS: -- this is
18 really our proposed solicitations for this season, which
19 are on -- which are ongoing and happening, you know, this
20 month, next month --

21 COMMITTEE MEMBER YEE: Okay.

22 CHIEF INVESTMENT OFFICER ELIOPOULOS: -- and the
23 following month. For the following season, then that
24 could be an area --

25 COMMITTEE MEMBER YEE: It will be in place?

1 CHIEF INVESTMENT OFFICER ELIOPOULOS: -- of
2 priority that we would collectively agree to as priorities
3 as part of the proxy season setting that we do in March.

4 COMMITTEE MEMBER YEE: Okay. Great. And then I
5 guess just an assessment maybe, as you're working with
6 some of our partners, about how successful you think the
7 climate risk proposals will be with the clamping down of
8 the SEC in terms of what they're couching as micromanaging
9 as we go forth on those.

10 INVESTMENT DIRECTOR NZIMA: Yeah. We've seen
11 sort of, you know, some proposal that have failed to go
12 through in terms of the SEC, you know, issuing a no action
13 letter. But I think what we've also seen is a number of
14 companies really -- you know, especially with the
15 successes we saw last year, I think we're seeing companies
16 actually being open to settlement, especially when they
17 know that a lot of the big shareowners are including
18 just -- not just ourselves, but, you know, some of the big
19 asset managers have come out publicly in support of
20 climate risk reporting.

21 I think in terms of what the SEC does, whether
22 it's they issue a no action letter, that's something which
23 really is -- is, you know, outside of our purview. But
24 once it's out there in terms of the voting, I would expect
25 that if the company has not come out with climate risk

1 disclosures along the TCFD guidelines or at least
2 something which is acceptable would expect that
3 shareowners will continue to support those proposals to
4 the same sort of rate as probably last year, if not
5 higher.

6 INVESTMENT DIRECTOR SIMPSON: Just to add to a
7 point on that, there has been a new staff approach on
8 shareholder proposals, and one which I think on the
9 basis -- you know, looks sensible, which is that when
10 they're doing the review process, there's a shareowner
11 proposal, and then the company requests that it not go to
12 the vote, they want to know if the Board has discussed the
13 proposal.

14 Well, this is actually something really -- really
15 we could only say, yes, that's a very important thing to
16 know, is it just the no -- the request for the no vote?
17 Is -- sorry, the no action letter preventing it going to
18 the vote is coming say through the legal department or
19 public affairs, or has the Board actually looked at it.
20 So that's a good thing.

21 At the same time, there are a couple of
22 proposals. And I think Anadarko might be the example
23 you're thinking of, but also one at Apple, where the staff
24 decision was to prevent the proposal going forwards, even
25 though it referred to, in one case, climate change. The

1 thing that they didn't like was the fact that the proposal
2 was calling for a specific target or a date by which
3 certain things would happen.

4 And that was quite a well established view that
5 you shouldn't be trying to micromanage. You shouldn't be
6 getting shareholders to tell management to do specific
7 things.

8 So I think Apple's -- the two degrees proposals,
9 which we've been supporting so far have been continued to
10 be allowed through the process.

11 COMMITTEE MEMBER YEE: Good. Great.

12 INVESTMENT DIRECTOR SIMPSON: And some other
13 proposals which are getting into the nitty gritty saying
14 we must have this emissions target by this date. Those
15 have been viewed by the staff. But actually, I think the
16 SEC review this season has been improved by requiring the
17 company to say whether the board of directors has actually
18 looked at it.

19 So that kind of, you know, means companies have
20 to raise their game when they're going forward to ask for
21 a no-action letter.

22 COMMITTEE MEMBER YEE: Okay.

23 MANAGING INVESTMENT DIRECTOR BIENVENUE: Ms. Yee,
24 the one thing I would add to that is I -- personally when
25 I saw this item and saw the numbers, I was very encouraged

1 to see last year we filed 15 proposals and we got one
2 settlement, right? So that's around, you know, seven
3 percent or so settled, right?

4 This year, we had 20 proposals and got six
5 settlements, right --

6 COMMITTEE MEMBER YEE: Yeah.

7 MANAGING INVESTMENT DIRECTOR BIENVENUE: -- which
8 is around 30 percent. I do think that Anne -- you know,
9 Anne's made this point in the past and Simiso just made
10 it, that in the wake of Exxon we're starting to see
11 momentum here, and that's very -- you know, very
12 encouraging to me. So progress won't happen as fast as we
13 all want it to, but it seems to be happening.

14 COMMITTEE MEMBER YEE: Okay.

15 CHAIRPERSON JONES: Okay. Thank you. So that
16 concludes the --

17 COMMITTEE MEMBER YEE: Just one item and I'll
18 just tee it up, because I think others may want to speak
19 to it. But you spoke last month about the voting
20 enhancement with respect to executive compensation. And I
21 guess what I'm still kind of bothered by is just kind of
22 this Glass Lewis grade C kind of bunch of companies. I
23 mean, it's a huge number.

24 I know we're going to do some more kind of
25 case-by-case review. And there's a lot more information

1 that will help in terms of what will guide our vote,
2 but -- including CEO pay ratio and the like. But I guess
3 is there some thought about another approach that might be
4 able to get us to where we can act on these a little bit
5 more maybe quickly and efficiently?

6 CHIEF INVESTMENT OFFICER ELIOPOULOS: We're
7 prepared to take up this topic now. And, you know, I do
8 think, you know, I've seen -- we had the suggestion last
9 month and we've seen the letter from Mr. Silberstein as
10 well. And I do think it's always attractive to anchor on
11 to a simple report card from an outside vendor and latch
12 onto that as the Holy Grail.

13 Our approach is much more detailed than that, and
14 takes into consideration a number of factors, in addition
15 to whatever report card grade Glass Lewis or any other
16 proxy solicitor would give, because the fiduciary
17 obligation resides with us, CalPERS, both with this Board
18 and the principles that you adopt, and then as you
19 delegate to staff both the weighing of all of the factors
20 in your Executive Compensation Policy, as well as factors
21 that staff used.

22 So maybe I'll turn it over to you, Simiso, and
23 Anne and Dan for comments. Simiso, you're going to this
24 up what we actually do when we look through it, and
25 probably some facts and figures about an F grade, a D

1 grade, a C grade, and a B grade, and how even Glass Lewis
2 votes with respect to these grades as well, so...

3 INVESTMENT DIRECTOR NZIMA: Thank you, Ted.

4 Simiso Nzima, Investment Director, Global Equity. So
5 basically, as Ted indicated really, the fiduciary duty
6 resides with us. We retain the independence of judgment
7 when it comes to these issues. We use multiple sources.
8 Glass Lewis is one of them. We use Glass Lewis, we use
9 ISS, we use Equilar really just to take a look at the --
10 these compensation plans.

11 And when you look at the Glass Lewis pay for
12 performance recommendation, for example, the -- even the F
13 rating -- whether, you know, they rate the performance
14 plan as an F, they only recommend voting against that
15 two-thirds of the time. If in using their own model, they
16 don't suddenly recommend voting against those plans.

17 The same thing with the D recommendation, they
18 only recommend voting against those one-third of the time.
19 And when you look at what we actually do, because we -- we
20 go in. We use the Glass Lewis rating really as a way to
21 quickly sort of identify those which may be, you know, the
22 worst of the worst, and we go in and look for any other
23 features which we don't like in these plans.

24 And based on our voting record historically, you
25 know, we voted against about 18 percent of comp plans,

1 which granted is not -- is not really a high number. But
2 Glass Lewis at the same time was recommending voting
3 against 16 percent. So even with the old way that we used
4 to look at things, we're voting against -- at a higher
5 level than Glass Lewis recommendation.

6 And with this new enhancement, we anticipate
7 that, at a minimum -- just looking at the D and F, at a
8 minimum we'd be probably voting at around 27 percent. And
9 then when we look at the C rated comp plans, that's when
10 we'll spend additional, you know, time going through and
11 looking at where they -- it's the quantum, you know, where
12 they're paying a large amount on an absolute basis or peer
13 relative, or whether the performance threshold, the
14 targets, they're not disclosed and so forth, and vote
15 against those plans as well.

16 So this is really -- you know, it's something
17 which we recognize that there's an opportunity to hold,
18 you know, company executives accountable for performance.
19 And we -- apart from the voting enhancement that we did,
20 what we'd committed to doing this calendar year at least
21 is that we -- we're going out and engaging some
22 compensation experts in terms of trying to see whether
23 there's a systematic way -- a better systematic way of
24 analyzing these things.

25 Again, we're faced with 10,000 securities --

1 voting on 10,000 securities, we have to find a systematic
2 way that captures the pay for performance, but the
3 systematic way that actually we have input in developing.
4 That's why we're engaging these compensation experts to
5 say let's talk about this. How can we build something
6 better which we can take even, you know, to management,
7 and the Board and say, here are the facts, can you refute
8 them? This is why we're voting against you.

9 And more than that, again, in terms of the voting
10 that we do around this area, we won't hold the
11 compensation committee members accountable. So our vote
12 is not just on the -- on the, you know, compensation plan.
13 If we vote against the plan and we find that the following
14 year the compensation committee hasn't really addressed,
15 you know, the poor design of the plan, we're actually
16 voting against compensation committee members, which I
17 don't -- I don't think, you know, Glass Lewis or anyone
18 else does that. So really we're looking at this from
19 multiple angles and holding the compensation committee
20 members accountable for the pay for performance.

21 And as part of the research that we're doing,
22 we're actually talking to other asset managers and asset
23 owners in terms of what they're actually doing, how
24 they're approaching this area. And interesting, as we're
25 talking to one of the compensation experts last week, they

1 mentioned that they were talking to another large public,
2 you know, fund. And that's a fund we've been
3 communicating with and trying to figure out how -- you
4 know, how to address this in a more systematic way.

5 So that's something which we really will continue
6 to spend time and hopefully, you know, hold these
7 companies accountable for the pay that they're issuing to
8 management.

9 COMMITTEE MEMBER YEE: Thank you.

10 INVESTMENT DIRECTOR NZIMA: I hope that answers
11 your question.

12 COMMITTEE MEMBER YEE: Yeah.

13 CHAIRPERSON JONES: Finished?

14 COMMITTEE MEMBER YEE: Thank you.

15 CHAIRPERSON JONES: Okay. Mr. Slaton.

16 COMMITTEE MEMBER SLATON: Thank you, Mr. Chair.
17 First of all, I apologize for raising this at the last
18 item. It really is obviously at this item.

19 And I really appreciate the last part of the --
20 your comments particularly about the complexity of doing
21 this, and that you've got to have a system approach to
22 being able to do it. Though, as you can just -- you'll
23 spend full time doing this, as opposed to managing the
24 investments themselves.

25 That being said, you mentioned about seeking

1 other asset owners. And my understanding is there's
2 fairly significant diversity in terms of how this is
3 approached, and what the actual end result voting has been
4 with other asset owners that are somewhat comparable to us
5 in terms of what their outlook might be. So I'm wondering
6 how do we -- is that just a difference of view? Is it a
7 different structure? What is it that creates this
8 significant diversity between say Minnesota and Florida,
9 and CalPERS in terms of this particular issue? What would
10 you attribute that to?

11 INVESTMENT DIRECTOR NZIMA: I think probably it
12 could be an issue of, you know, the structure around the
13 voting. Because again, you know, maybe some of the funds
14 just adopt maybe, for example, the Glass Lewis where they
15 would say if it's -- you know, it's rated a C and below,
16 then they actually are going to vote against that. So
17 that's -- that's sort of a different approach.

18 COMMITTEE MEMBER SLATON: So less nuanced and
19 less look --

20 INVESTMENT DIRECTOR NZIMA: Exactly.

21 COMMITTEE MEMBER SLATON: -- at other factors.

22 INVESTMENT DIRECTOR NZIMA: Exactly. And we want
23 to build -- at least, if we're using a model we want a
24 model that we've had sort of input and understanding in
25 terms of how it's actually built, and a model that looks

1 over the again long term. We talk about, you know, we're
2 long-term investors. And when you look at some of the
3 models out there, they're looking at three years. And
4 three years four us is not long term.

5 So again, we -- we are looking at this again
6 coming in with trying to match sort of our long-term
7 horizon when we're talking about pay for performance, as
8 opposed to us adopting an off-the-shelf, which may not
9 address some of the nuances that, you know, really
10 underpin this important issue.

11 COMMITTEE MEMBER SLATON: Okay. Thank you.

12 CHIEF INVESTMENT OFFICER ELIOPOULOS: And, Mr.
13 Chair, we certainly know Florida and Minnesota well, their
14 CIO as well. We can -- as part of this consultation, we
15 can reach out to them and get a little more flavor as to
16 what they're doing.

17 CHAIRPERSON JONES: Okay. Thank you. We do have
18 a request to speak -- two requests to speak on this item,
19 6c. Mr. Al Darby and Mr. Steve Silberstein.

20 If you will come up to my left and your right,
21 the mics will be on, and you will have three minutes to
22 speak. And the clock will start once you start speaking.

23 MR. SILBERSTEIN: Thank you, Mr. Chairman and
24 members of the Board. Thank you for allowing me to speak.
25 As you know, I did speak on this last month. The bottom

1 line here is the Board has a fiduciary responsibility to
2 the beneficiaries and to the local governments to not
3 waste money. What's happened with the CEO pay is it's
4 gone totally out of control. It's an expense that is
5 detracting from the returns.

6 Now, Glass Lewis does not have a fiduciary
7 responsibility. They rate these packages, and they tell
8 you this one is too high. It's not really tied to
9 performance and they give it an F. But they don't have
10 any fiduciary responsibility to vote it one way or
11 another. They -- you do. And what they're telling you in
12 their ratings is a lot of these pay packages the pay is
13 too high, it's going out of control, and it's not really
14 tied to performance. There have been numerous academic
15 studies. Here's one from a Harvard professor, pay without
16 performance, that shows overall there is no tie between
17 performance and pay.

18 We just had a case here the CEO of Wells Fargo
19 just got a 36 percent pay increase from 12 million a year
20 to almost 18 million. And the performance of Wells Fargo
21 compared to its peers has been terrible. That's what's
22 going on. And unless, you know, you vote against this,
23 you're basically signing your own execution warrant here.

24 If these trends continue, the pay is going to
25 just go up and up and up, and it's not tied to

1 performance. Now, there are some other pension funds,
2 Minnesota, Florida, the Province of Alberta, European ones
3 that have no problem voting no here. And you need to do
4 that to send a signal that this kind of hand in the till
5 that's been going on in too many companies needs to stop,
6 and that CalPERS is speaking up like some of these other
7 pension funds are doing this. It's not that hard to do.

8 So unless you're voting like those guys are
9 doing, voting against at least half of these, you're not
10 really doing your job. I am pleased to see that with the
11 changes proposed here, we're going to be voting about a --
12 against about a quarter of these. That's a big
13 improvement from where we've been, but we need to go
14 further.

15 So I hope that you will direct the staff to look
16 at this and see if they can get their record up to be
17 among the best practices of other pension funds in this
18 area. Certainly your beneficiaries and your local
19 governments will appreciate this.

20 Thank you.

21 CHAIRPERSON JONES: Thank you for your comments.

22 Mr. Darby.

23 MR. DARBY: Good afternoon. Mr. Chair, Committee
24 members. RPEA certainly supports these corporate
25 governance provisions that you're putting forth here. But

1 while our RPEA retains its position that ESG and
2 divestiture should take a back seat to equities with
3 superior investment returns, that will move the PERF to 80
4 percent or better funded status.

5 RPEA believes that the S part of ESG and/or the
6 Corporate Governance Policy you adopt should encompass
7 income inequality as a much bigger higher profile
8 component. The current employee compensation section in
9 your proposal here is weak on income inequality.

10 A very recent report indicates that the 2017 tax
11 cut has not translated to the \$4,000 to \$9,000 average
12 increase in middle class income as it was advertised to
13 do. For a family that gets an income, the average median
14 income is 54 to 60 thousand something in that range.
15 They're not seeing this \$4,000 to \$9,000 increase. Right
16 now, they've identified only \$6.34 of the increase they
17 were supposed to get from this additional tax cut, and
18 corporate tax -- excuse me, corporate income increases and
19 bonuses. Instead, the corporations are busy buying back
20 stock and increasing dividend payouts.

21 Corporations -- excuse me, CalPERS recently
22 announced that over 60 percent of CalPERS recipients only
23 receive \$46,000 or less. Just the other day, it was
24 announced that in Sacramento a two bedroom apartment costs
25 about \$2,000 a month. So this is not an adequate income,

1 particularly for those who do not receive Social Security.

2 This highlights the need for equalization in the
3 middle class income structure. Income inequality should
4 be a major focus of ESG and your corporate governance
5 policy. ESG is a component of the Investment Committee,
6 and this should be part of the overall policy there.
7 Income inequality or the component in the Corporate
8 Governance Policy that you're contemplating right now
9 should in -- should strengthen that section of your
10 corporate policy.

11 CHAIRPERSON JONES: Mr. Darby, your time is up.

12 MR. DARBY: Elon Musk just indicated that human
13 capital is more important than they thought it to be. He
14 had use -- he had to use humans to correct the --

15 CHAIRPERSON JONES: Mr. Darby, your time is up.

16 MR. DARBY: -- deficiencies of the robots.

17 Thank you.

18 CHAIRPERSON JONES: Okay. Thank you.

19 Okay. Now, we move to Summary of Committee
20 Direction.

21 CHIEF INVESTMENT OFFICER ELIOPOULOS: Okay. Mr.
22 Chair, as usual, please follow along and make sure we gest
23 all of them.

24 So starting from the beginning, there's a request
25 from the Treasurer's Office that, you know, at some point

1 in the future for a consultation between CalPERS staff and
2 R.V. Kuhns regarding our 2013 SIP work that was done. And
3 we -- we'll follow up with that.

4 CHAIRPERSON JONES: Okay.

5 CHIEF INVESTMENT OFFICER ELIOPOULOS: That was
6 Item 5a.

7 On 6a, request that -- to provide the Committee
8 with a break down of industry sectors of dual class and no
9 vote companies.

10 There was direction to include at the next
11 mid-point ALM cycle in -- specifically in the discussion
12 of potential exclusion of dual class to make sure that
13 there is a -- a discussion and analysis of possible
14 exclusion of no vote shares as part of the next ALM
15 process.

16 I believe there was a discussion around SEC
17 hearing content, but we gave -- that was on the website.
18 So I don't think we're providing anything. I think
19 we'll -- if there's problems with the website, you know,
20 let us know.

21 CHAIRPERSON JONES: Right.

22 CHIEF INVESTMENT OFFICER ELIOPOULOS: Moving on
23 to 6b, there's an indication from the Treasurer's Office
24 to have a discussion around diversity at the next meeting.
25 I think the only to-do item there is the suggestion if the

1 Treasurer's Office could provide something in writing,
2 then we'll circulate it to the whole Board and to staff.

3 CHAIRPERSON JONES: Sure. Okay.

4 CHIEF INVESTMENT OFFICER ELIOPOULOS: There was a
5 suggestion for us to come back with potential language
6 tying this -- the new language around sexual harassment to
7 the clawback language. We'll come back with proposed
8 language next month, as well as contemplating and bringing
9 back new language in response to Mr. Costigan's comments
10 around arbitration in the new Sexual Harassment Policy.
11 That's, I think, everything on 6b.

12 CHAIRPERSON JONES: Yeah.

13 CHIEF INVESTMENT OFFICER ELIOPOULOS: On 6c, I
14 think the only commitment that we made, and I think it was
15 taken as Board direction, is that as part of the follow-up
16 work that Simiso and the team are doing on executive
17 compensation, I said that we'd reach out to the State of
18 Florida and Minnesota to get some feedback on the
19 specificity.

20 CHAIRPERSON JONES: Okay. Very good.

21 Thank you very much.

22 Okay. We have one request for public comment.
23 Mr. George Linn, if you'll come forward. And you'll have
24 three minutes and you're mic is on. And the clock will
25 start when you start speaking.

1 MR. LINN: George Linn, President of RPEA.

2 Thank you, Mr. Chair, and Board members. You
3 know, I kind of hate to be a broken record. And following
4 up on some of the things that Mr. Darby spoke about, I'm
5 concerned about return on investment.

6 I love ESG. I think that the governance side has
7 a lot of merit to it. You know, let's take a look at our
8 own board and see how we fit. We members seem to have
9 voted three and three when it comes to gender. I don't
10 know about the rest. So I think that maybe that's a
11 consideration when we're having consideration and
12 discussions with those that appoint others.

13 When it comes to the social issues, you know that
14 I've spoken before, that we need to be always looking at
15 return on investment. Divestiture is only a item for
16 discussion if the return on investment would not be
17 impacted.

18 Let's take a look at the environmental part. I
19 think that it's great. You know, me -- my wife and I have
20 been very, very much on this page since long before it was
21 popular, recycling and all those other kinds of things.
22 So I'm not against it.

23 But when we're investing in wind farms, and solar
24 farms, and whatever else that may be environmental, the
25 one thing that is missing from the public announcements is

1 how this fits into our return on investment?

2 The announcement in November about the wind farm
3 acquisition, I thought was probably a very good thing, and
4 it's a very good long-term thing as a couple of you Board
5 members have mentioned to me, that it's a long term kind
6 of thing. But I'm also concerned that, you know, we're
7 hardly at 70 percent. And so we need to be taking a look
8 at that, and we need to have transparency. If we are
9 investing in something that is not providing the numbers
10 to increase that, then there must be reasons. And so we
11 can provide those reasons and logically convince those
12 that these are the things we need to be doing. But
13 frankly, right now, it's kind in the dark.

14 I thank you very much for your time.

15 CHAIRPERSON JONES: Okay. Thank you, Mr. Linn.

16 Okay. Than concludes the open Investment
17 Committee meeting, and that meeting is adjourned.

18 And we will convene in closed session when we
19 return to auditorium at 2:15.

20 (Thereupon California Public Employees'
21 Retirement System, Investment Committee
22 meeting open session adjourned at 1:27 p.m.)

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1 C E R T I F I C A T E O F R E P O R T E R

2 I, JAMES F. PETERS, a Certified Shorthand
3 Reporter of the State of California, do hereby certify:

4 That I am a disinterested person herein; that the
5 foregoing California Public Employees' Retirement System,
6 Board of Administration, Investment Committee open session
7 meeting was reported in shorthand by me, James F. Peters,
8 a Certified Shorthand Reporter of the State of California,
9 and was thereafter transcribed, under my direction, by
10 computer-assisted transcription;

11 I further certify that I am not of counsel or
12 attorney for any of the parties to said meeting nor in any
13 way interested in the outcome of said meeting.

14 IN WITNESS WHEREOF, I have hereunto set my hand
15 this 21st day of April, 2018.

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